Bryan W. Shaw, Ph.D., Chairman Buddy Garcia, Commissioner Carlos Rubinstein, Commissioner Mark R. Vickery, P.G., Executive Director





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 11, 2012

MR JEREMY G. DRIVER PRESIDENT GALVESTON BAY ENERGY, LLC 800 GESSNER RD STE 200 HOUSTON TX 77024-4256

Re: General Operating Permit Authorization to Operate Initial Issuance Permit Number: O3459 Galveston Bay Energy, LLC Trinity Bay F-1 Platform Baytown, Chambers County Regulated Entity Number: RN100211069 Customer Reference Number: CN603938309 Account Number: C1-0177-Q

RECEIVED

MAY 0 8 2012 CENTRAL FILE ROOM

Dear Mr. Driver:

After reviewing your initial application, the Texas Commission on Environmental Quality (TCEQ) executive director has determined that the emission units identified at the Trinity Bay F-1 Platform qualify for the Oil and Gas General Operating Permit (GOP) Number 511, if operated as represented in your application. This letter serves to authorize Galveston Bay Energy, LLC, Trinity Bay F-1 Platform, to operate the emission units identified in the GOP application under the provisions of GOP Number 511. This authorization is granted based on the information provided in your application. In the event the agency subsequently determines that the emission units do not qualify for the GOP or are not operating in compliance with the GOP, enforcement action may be initiated.

From the date of this letter, Galveston Bay Energy, LLC, Trinity Bay F-1 Platform, must operate in accordance with the requirements of Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), including the permit conditions contained in 30 TAC §§ 122.143 -122.146. Some of the conditions contained in 30 TAC §§ 122.143 - 122.146 include recordkeeping conditions, reporting conditions (which includes deviation reporting), and compliance certification conditions. All reports and any questions regarding the reports should be forwarded to the Texas Commission on Environmental Quality Houston Regional Office, 5425 Polk St Ste H, Houston, Texas 77023-1452.

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

 (\Box)

 \bigcirc

Mr. Jeremy G. Driver Page 2 April 11, 2012

Any documents submitted to the TCEQ regarding the application should be accompanied by a cover letter which identifies the following information: company name, primary TCEQ regulated entity number, site name, area name (if applicable), federal operating permit (FOP) number, FOP project number, and the date of submittal of the original application.

The permit holder must submit an updated application to the TCEQ executive director for changes at the site according to 30 TAC § 122.503. If the provisions of GOP Number 511 are revised, repealed, or rescinded, the permit holder must submit appropriate application information within 90 days according to 30 TAC § 122.504.

Authorizations to operate under GOPs shall expire no later than five years from the date of initial issuance or renewal of authorization. A renewal application must be submitted to the agency no later than six months, but no earlier than 18 months, before the expiration of the authorization to operate under the GOP. The TCEQ executive director will determine if renewal authorization should be granted according to 30 TAC § 122.505.

Please maintain a copy of this letter, the application, and a copy of the appropriate GOP on-site. Thank you for your cooperation and assistance in this matter. If you have questions concerning the review, or this notice, please contact Mr. Jonathan Wilmoth, P.E. at (512) 239-0567.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,

Anne M. Inman, P.E., Manager Rule Registrations Section Air Permits Division Texas Commission on Environmental Quality

cc: Air Section Manager, Region 12 - Houston

Project Number: 16950

TECHNICAL REVIEW: 'GENERAL OPERATING PERMIT

Permit No.: 03459	Company Name: Galveston Bay Energy, LLC	APD Reviewer: Mr. Jonathan Wilmoth, P.E.
Project No.: 16950	Site/Area Name: Trinity Bay F-1 Platform	GOP No.: GOP 511

GENERAL INFORMATION			In the second of the second		
Regulated Entity No.:	RN100211069	Project Type:	Initial Issuance		
Customer Reference No.:	CN603938309	Date Received by TCEQ:	September 23, 2011		
Account No.:	C1-0177-Q	Date Received by Reviewer:	January 24, 2012		
Associated TV Permit Nos.:	none	SIC Code/Name:	1311 Crude Petroleum and Natural Gas		
City/County:	Baytown, Chambers County	Major Pollutants:	NOx		
Physical Location:	Off shore in Trinity Bay as per the technical review for project 117429 for associated PBR Registration 76598.				

CONTACT INFORMATION					
Responsible Official/ Primary Contact Name and Title:	Mr. Jeremy G. Driver President	Phone No.: Fax No.:	(281) 408-4880 (281) 408-4879	Email:	
Duly Authorized Representative Name and Title:		Phone No.: Fax No.:		Email:	
Technical Contact/ Consultant Name and Title:	Ms. Susie Frost Office Manager	Phone No.: Fax No.:	(281) 408-4880 (281) 408-4879	Email:	

APPLICATION INFORMATION	YES	NO	COMMENTS
Is confidential information included in the application?	-	x	
Was the application shield removed?		x	

DESCRIBE OVERALL PROCESS AT SITE

The Trinity Bay F-1 Platform is a sweet oil and gas site authorized under PBR Registration 76598.

DESCRIBE PROJECT AND INVOLVED PROCESS

The company submitted an initial Title V permit application for authorization to operate under GOP 511.

TECHNICAL SUMMARY - DESCRIBE HOW THE PROJECT MEETS THE RULES

The company submitted the following:

- a cover letter, OP-1, OP-CRO1, OP-ACPS, OP-SUM, OP-REQ1 (version 03/11),
- OP-UA2 for CH 117 and for MACT ZZZZ for the three engines at the site
- OP-UA3 for NSPS Kb for one of the tanks and CH 115 for the three tanks
- OP-UA5 for CH 117 for the dehydrator reboiler
- OP-UA15 for CH 115 vent gas control for the dehydrator regen vent
- OP-UA62 for MACT HH for the dehydrator regen vent, and
- Other supporting information

The reviewer had no issues in comparison to the write-up for project 117429 for associated PBR Registration 76598.

The reviewer did enter and check OP-UA information in the Title V IMS. The reviewer was unable to run the OP-UA information to the permit side of the Title V IMS as per Communication Log, and the reviewer did not delay processing.

As per the OP-REQ1:

- No periodic monitoring (PM) requirements for site
- No compliance assurance monitoring (CAM) requirements
- No NSPS or NESHAPs requirements
- Site has MACT requirements

Project 16950 was submitted before the renewal of GOP 511 itself on October 19, 2011. The reviewer did not delay processing for updates due to the renewal of GOP 511 itself, given that the reviewer was essentially only able to process area-wide applicable requirements. The reviewer ran area-wide applicable requirements, including the OP-REQ1, to the permit side of the Title V IMS on 04/11/2012. The IS-3 legislative notification letters were mailed on December 29, 2011.

TECHNICAL REVIEW: GENERAL OPERATING PERMIT

Permit No.: 03459	Company Name: Galveston Bay Energy, LLC	APD Reviewer: Mr. Jonathan Wilmoth, P.E.
Project No.: 16950	Site/Area Name: Trinity Bay F-1 Platform	GOP No.: GOP 511

COMMUNIC	CATION LOG		
Date	Time	Name/Company	Subject of Communication .
			Toward the end of review, the reviewer worked with the TCEQ Site Operating Permit Section to address CH 115, CH 117, MACT ZZZZ, and MACT HH requirements for the site in a case-by-case like manner. Later, decision was made to complete the review in TCEQ RR Section manner with no case-by-case like review.
04/11/2012	About 12:55 PM	Ms. Susie Frost / Galveston Bay Energy, LLC	 The reviewer called and left a message. The reviewer send the following: The reviewer needs to send an e-mail but does not have an e-mail address The e-mail will be self-explanatory Please return call to provide an e-mail address
04/11/2012	About 1:10 PM	Ms. Frost	Ms Frost called and provided the following e-mail address • sfrost@saoc.com

TECHNICAL REVIEW: GENERAL OPERATING PERMIT

ject No.: 16950 Site/Area Name: Trinity Bay F-1 Platform	2	2222200000 1. 15	
	00	OP No.:	GOP 511
	• • • • • • • • • • • • • • • • • • • •		
	Permit 03459, pending proj nd Gas GOP 511. The rule requirements of CH hanged or have not been or ables, so, therefore, I was un DP-UA15, and OP-UA62 fo CH 115, CH 117, MACT ZZ non-applicability index 'ANK1). You should subm nd conditions for CH 1 equirements that are applica- y using an OP-REQ3 for rocessing for provisional to the provisional terms and co pplication. Additionally, please note that or CH 115 requirements for nonitoring (PM) requirement hanged, I am not delaying p lease note that if you determ M must meet the requireme pecifically listed in GOP 51 ase-by-case PM, the site wo not complication in GOP 51 ase-by-case PM, the site wo not complication greating and <i>Anitoring Options Tables is</i> 3) Form OP-MON (Monitor nonitoring option chosen. Th ontrol device, deviation limit mit is specifically defined by ahrenheit), a proposed devi eviation limit must be submit hanges, for example due to to ith a new Form OP-MON for ddition of periodic monitori nd Gas General Operating 1 Monitoring Guidance Docum	ecent submittal oject 16950) for H 115, CH 117, completely acco- unable to proce- forms that were UZZZ, and MAC number was mit and certify 115, CH 117, cable or will so orm and an O terms and cond onditions if suc at based on a ch r tank TANK1, nts for tank TAN processing for t mine that PM is sents of one or n 11, and the PM ould need a Titl tion under GOP of Paragraphs (<i>mit tables, if the ment listed as "L g and the select in Section (g).</i> <i>ring Requireme</i> <i>Chis form must i</i> <i>init and monitori</i> <i>by the monitorin</i> <i>by the monitorin</i> <i>for that option.</i> <i>ring into the app</i> <i>corecent testing,</i> <i>for that option.</i> <i>ring into</i>	f)(2) and (f)(3) from GOP 511: index number has a Periodic Monitoring," then the unit ion of an option from the Periodic ents) must be submitted for each nclude the pollutant being monitored, ng option used. Unless the deviation g option (for example, 1500 degrees a justification for the proposed rm OP-MON. If the deviation limit the GOP application must be revised Additional instructions for the olication may be reviewed in the Oil ent of Basis and in the "Periodic ank TANK1, it appears that index that least some applicable [1-08-002 that is listed in your

COMPLIANCE HISTORY		•	
In accordance with 30 TAC Chapter 60), a compliance histor	y report	was reviewed on:
The compliance period was from:	08/31/2011	to	09/01/2006 The compliance period dates were specifically listed in TCEQ Central Registry.
Site rating & classification: 0, High			Company rating & classification: 4.57, Average
If site was Poor, what action(s) occurre	d as a result? (i.e. cha	anges to p	permit, reduced renewal period, etc.) NA
If the rating is 40 <rating<45, td="" what<=""><td>was the outcome, if a</td><td>ny, based</td><td>l on the findings in the formal report? NA</td></rating<45,>	was the outcome, if a	ny, based	l on the findings in the formal report? NA
Is the permit recommended to be denie	d on the basis of com	pliance h	istory or rating? No.
Has the permit changed on the basis of	the compliance histo	ry or rati	ng? No.

TECHNICAL REVIEW: GENERAL OPERATING PERMIT

Permit No.: 03459	Company Name: Galveston Bay Energy, LLC	APD Reviewer: Mr. Jonathan Wi
Project No.: 16950	Site/Area Name: Trinity Bay F-1 Platform	GOP No.: GOP 511

	TECHNICAL REVIEWER	PEER REVIEWER	FINAL REVIEWER
SIGNATURE:	another Without	Juiestage	sechard copy
PRINTED NAME:	Mr. Jonathan Wilmoth, P.E.	Ms. Julie Steger	Ms. Anne M. Inman, P.E., Manager
DATE:	04/11/2012	04/11/2012	04/11/2012

BASIS OF PROJECT POINTS	POINTS
Base Points: oil and gas GOP initial issuance application	2.0
Project Complexity Description and Points: Phone calls, e-mail, Title V IMS area-wide engine run, and entry/checking of UA forms Working with TCEQ SOP Section during review, but not at conclusion of review, including formal, internal requests for resolutions for UA issues	2.5 2.0
Technical Reviewer Project Points Assessment:	6.5
Final Reviewer Project Points Confirmation:	

Project Number: Permit Number:		16950 O0345	9	a. 14 m			
Project Type: Permit Type:		INITIA GOP	L ISSUANCE				
Project Point Va	lue:						. 1.0
Company: Site: Account Numbe Regulated Entity SIC:		TRINI C1-017	ton Bay Energy, TY BAY F-1 PL 77-Q 9211069			С	thul 12 6.5 Julie
Assign Date		Name		First Name	<u>Project Role</u> REVIEW ENG		<u>Number</u> 39-0567
01/23/2012	WILN	NOTH		JONATHAN	KEVIEW ENG	(312)2	55-0507
Stage FSA/PPP FSA/PPP WPO-FINAL IS IS IS IS IS IS TR	<u>Start I</u> 09/23/2 09/23/2 09/28/2 09/30/2 12/29/ 01/24/	2011 2011 2011 2011 2011 2011 2012	<u>Complete Date</u>	Tracking Element DATE OF EFFECTIVE / ISSU AUTHORIZATION PROJECT COMPLETED (DA WPO 09 - LETTER MAILED APIRT RECEIVED PROJECT INITIAL INFO/APPL/REQUE (DATE) APIRT TRANSFERRED PRO (DATE) PROJECT RECEIVED BY TE APIRT (DATE) LEGISLATORS NOTIFIED O (DATE) PROJECT RECEIVED BY EN	TE) (DATE) F (DATE) EST RECEIVED BY TC DJECT TO TECHNICAL ECHNICAL STAFF FRO DF APPLICATION REC NGINEER (DATE)	, STAFF DM	TypeSTANDARD EVENTSTANDARD EVENTOPTIONAL EVENTSTANDARD EVENT
TR TR FSA/PPP	02/23/ 04/11/ 04/11/	2012	04/11/2012 04/11/2012	TECHNICAL REVIEW PERI COMPLIANCE HISTORY RJ PEER / MANAGER REVIEW	EVIEW COMPLETED	(DATE)	STANDARD ACTIVITY STANDARD EVENT OPTIONAL ACTIVITY

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Jon Wilmoth

From:	Jon Wilmoth
Sent:	Wednesday, April 11, 2012 1:29 PM
To:	'sfrost@saoc.com'
Cc:	Julie Steger
Subject:	Galveston Bay Energy, LLC, RN100211069, Permit O3459 (pending project 16950)

Re: Galveston Bay Energy, LLC, RN100211069, Trinity Bay F-1 Platform site

Dear Ms. Frost:

This e-mail concerns your recent submittal of an initial Title V application (Permit O3459, pending project 16950) for your site for authorization under Oil and Gas GOP 511.

The rule requirements of CH 115, CH 117, MACT ZZZZ, and MACT HH have changed or have not been completely accounted for in GOP 511 index number tables, so, therefore, I was unable to process your OP-UA2, OP-UA3, OP-UA5, OP-UA15, and OP-UA62 forms that were collectively submitted for addressing CH 115, CH 117, MACT ZZZZ, and MACT HH requirements (except that also a non-applicability index number was submitted for NSPS Kb for tank TANK1). You should submit and certify for the permit file provisional terms and conditions for CH 115, CH 117, MACT ZZZZ, and MACT HH requirements that are applicable or will soon be applicable to units at your site by using an OP-REQ3 form and an OP-CRO1 form. I am not delaying processing for provisional terms and conditions and would not have reviewed the provisional terms and conditions if such had been submitted with the initial application.

Additionally, please note that based on a check of the information you provided for CH 115 requirements for tank TANK1, it appears that there could be periodic monitoring (PM) requirements for tank TANK1. Given that CH 115 has changed, I am not delaying processing for the possibility of PM requirements. Please note that if you determine that PM is really required for tank TANK1, the PM must meet the requirements of one or more of the PM Option Numbers specifically listed in GOP 511, and the PM cannot be case-by-case PM. (For case-by-case PM, the site would need a Title V Site Operating Permit [SOP] instead of Title V authorization under GOP 511.)

The following is copy/paste of Paragraphs (f)(2) and (f)(3) from GOP 511:

(2) When reviewing the permit tables, if the index number has a Monitoring/Testing requirement listed as "Periodic Monitoring," then the unit requires periodic monitoring and the selection of an option from the Periodic Monitoring Options Tables in Section (g).

(3) Form OP-MON (Monitoring Requirements) must be submitted for each monitoring option chosen. This form must include the pollutant being monitored, control device, deviation limit and monitoring option used. Unless the deviation limit is specifically defined by the monitoring option (for example, 1500 degrees Fahrenheit), a proposed deviation limit and a justification for the proposed deviation limit must be submitted on the Form OP-MON. If the deviation limit changes, for example due to recent testing, the GOP application must be revised with a new Form OP-MON for that option. Additional instructions for the addition of periodic monitoring into the application may be reviewed in the Oil and Gas General Operating Permit Statement of Basis and in the "Periodic Monitoring Guidance Document."

Based on your CH 115 information about tank TANK1, it appears that index number 511-08-011 could be associated with at least some applicable requirements, possibly not index number 511-08-002 that is listed in your application. Index number 511-08-011 requires PM.

I will be sending pending project 16950 through for final approval so, therefore, I do not need a response unless you have questions or concerns related to the information in this e-mail.

Sincerely,

Jonathan Wilmoth, P.E. Texas Commission on Environmental Quality Air Permits Division Phone: 512-239-0567 Fax: 512-239-1070 Email: <u>Jon.Wilmoth@tceq.texas.gov</u> **How is our customer service?** Fill out our onli

Email: <u>Jon.Wilmoth@tceq.texas.gov</u> How is our customer service? Fill out our online customer satisfaction survey at <u>www.tceq.texas.gov/customersurvey</u>. From:eNotice TCEQTo:Craig.eiland@house.state.tx.us; joan.huffman@senate.state.tx.usDate:12/29/2011 2:12 PMSubject:TCEQ Notice- Permit 03459Attachments:Galveston Bay 16950.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mrs. Jayme Sadlier with the Office of Air at 512-239-1683.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<u>http://get.adobe.com/reader</u>) to download the free Adobe Acrobat Reader software.

Bryan W. Shaw, Ph.D., Chairman Buddy Garcia, Commissioner Carlos Rubinstein, Commissioner Mark R. Vickery, P.G., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

December 29, 2011

THE HONORABLE JOAN HUFFMAN TEXAS SENATE PO BOX 12068 AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application Project Number: 16950 Permit Number: 03459 Galveston Bay Energy, LLC Trinity Bay F-1 Platform Baytown, Chambers County Regulated Entity Number: RN100211069 Customer Reference Number: CN603938309

Dear Senator Huffman:

As required by the Texas Clean Air Act § 382.0516, as codified in the Texas Health and Safety Code, this letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=29.7483&lng=-94.7375&zoom=13&type=r.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

what alm /

Michael Wilson, P.E., Director Air Permits Division Office of Air

MPW/PM/jdb

Bryan W. Shaw, Ph.D., Chairman Buddy Garcia, Commissioner Carlos Rubinstein, Commissioner Mark R. Vickery, P.G., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 29, 2011

THE HONORABLE CRAIG EILAND TEXAS HOUSE OF REPRESENTATIVES PO BOX 2910 AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application Project Number: 16950 Permit Number: 03459 Galveston Bay Energy, LLC Trinity Bay F-1 Platform Baytown, Chambers County Regulated Entity Number: RN100211069 Customer Reference Number: CN603938309

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This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

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Michael Wilson, P.E., Director Air Permits Division Office of Air

MPW/PM/jdb

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CN 6039				<u>N numbers in</u> Registry**		100211069		
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<u>**If "No Cha</u>	nge" and S	ection I is complete, skip to Sec	<u>ction III – F</u>	Regulated E	ntity Inf	ormation.		
8. Type of C	ustomer:	Corporation		lividual		Sole Proprietors	hip- D.B.A	
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10. Mailing Address:								, , , ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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20. Number	of Employe					21. Indepen	dently Owne	d and Operated?
0-20	21-100	□ 101-250 □ 251-500 [d higher		· ·	Yes	□ No
SECTION	N III: Re	egulated Entity Inform		Ŧ			· · ·	
		Entity Information (If 'New Regul		" is selected	below th	nis form should be acc	ompanied by	a permit application)
	ulated Entity	• • •	•			lated Entity Informatio	• _ •	Change** (See below)
		**If "NO CHANGE" is checked a	nd Section I	is complete, s	tip to Sec	tion IV, Preparer Informat	du:	
23. Regulate	ed Entity Na	me (name of the site where the regu	lated action	is taking plac)			
						ULI 0-14	.011	

of the Regulated Entity: (No P.O. Boxes)					
	City	s	State	ZIP	ZIP + 4
25. Mailing Address:					
	City	ទ	State	ZIP	ZIP + 4
26. E-Mail Address:					
27. Telephone Number	·	28. Ex	ctension or Co	de 29. Fax Ni	umber (if applicable)
() -				()	-
30. Primary SIC Code ((4 digits) 31. 5	Secondary SIC Code (4	digits) 32. Pt (5 or 6	rimary NAICS Code digits)	33. Secondary NAICS Code (5 or 6 digits)

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:								
36. Nearest City			County		State		Ne	arest ZIP Code
37. Latitude (N) In	Decimal:			38. Longitude	(W) Ir	n Decimal:		
Degrees	Minutes	Second	S	Degrees		Minutes		Seconds

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

			· · ·	
Dam Safety	Districts	Edwards Aquifer	Industrial Hazardous Waste	Municipal Solid Waste
New Source Review – Air	C OSSF	Petroleum Storage Tank	D PWS	Sludge
Stormwater	🔲 Title V – Air	Tires	Used Oil	Utilities
Voluntary Cleanup	Waste Water	Wastewater Agriculture	Water Rights	Other:

SECTION IV: Preparer Information

40. Name:	Susie Frost			41. Title:	Office Manager
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(281)408	-4880		(281)408-4879		

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Galveston Bay Energy	Job Title: Presid	lent	
Name(In Print) :	Jeremy G. Priver		Phone:	(281)408-4880
Signature:		A PIRT	Date:	9/28/11
6		501 04 2011		/-/~
		and the second		

(9/28/2011) Jessie Wilborn - FW: Intern - Fax Job

Page 1

 Prom:
 "Susie Frost" <sfrost@strategicamericanoil.com>

 Tot
 <jessie.wilborn@tceq.texas.gov>

 CC:
 <MRyan@trinityconsultants.com>

 Date:
 9/28/2011 10:19 AM

 Subject:
 FW: Internet Fax Job

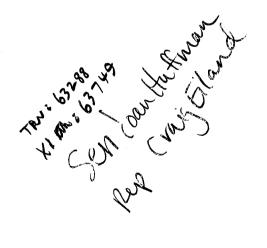
 Attachments:
 image.pdf

Jessie,

Attached is the Core Data Form for CN603938309 RN100211069. Hard copy to follow. Please let me know if you need anything else. Susie Frost GBE

----Original Message-----From: info@strategicamericanoil.com [mailto:info@strategicamericanoil.com] Sent: Wednesday, September 28, 2011 10:23 AM To: sfrost@strategicamericanoil.com Subject: Internet Fax Job

Image data has been attached.



			TCEQ Use Only
TCEQ	TCEQ Core [N - 10 000 F197
For detaile	d instructions regarding completion of this form, please	e read the Core Data Form Instructions or c	all 512-239-5175.
SECTION I: Gen	eral Information		
1. Reason for Submissio	on (If other is checked please describe in space	provided) submitted with the program applicatio	n)

57 New Downit Desite	ation or Authorization (Core Dat	a Form should be	submitted with	the program applic	cation)				
New Permit, Regist	to Form should be submitted with	h the renewal for		9r					
Renewal (Core Data Form should be submitted with the renewal form) Other 2. Attachments Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)									
T	Title V Application								
2 Customer Reference Number (if issued) Follow this link to search 4. Regulated Entity Reference Number (if issued)									
	TOP CN OF KIN HUILDERS IN DN 100211060								
CN 603938309									
	stomer Information			<u> </u>					
5. Effective Date for Cu	stomer Information Updates (mm/dd/yyyy)			the Lattering				
6. Customer Role (Prop	osed or Actual) - as it relates to the	Requiated Entity li	sted on this form. I	10050 CRECK ONLY <u>OL</u>	ie or the ioliowing:				
Owner	Operator	Owner :		cant 10th	6 <i>1</i> '				
Occupational License	ee 🔲 Responsible Party	Volunta	ry Cleanup Appli		C i .				
7. General Customer In						the Aunorship			
New Customer		odate to Custome	r Information	Chan	ge in Regulated Er	intà Omueranth			
Change in Legal Nar	ne (Verifiable with the Texas Se	cretary of State)	datast Emilias Int		IGING				
**If "No Change" and	Section I is complete, skip to S	Section III - Regi	Hated Enuly Init						
8. Type of Customer:	Corporation	🗌 Individ	ual	Sole Proprie	etorship-D.B.A				
City Government	County Government	Federa	al Government	State Gover	nment				
Other Government	General Partnership		d Partnership	Other:					
		Ent av Das John) If new Cus	tomer, enter previo	us Customer	End Date:			
9. Customer Legal Na	me (If an individual, print last name	IIISL EX. LOOB, JUIII	below						
			· [<u> </u>			
10. Mailing	<u></u>								
Address: City	T	State	ZIP		ZIP + 4				
			12. E-Mail A	ddress (if applicable)				
11. Country Mailing In	nformation (il outside USA)								
13. Telephone Numbe	N	14. Extension o	r Code	15. Fax N	umber (if applicab	le)			
10. Leichungine metting					÷.				
16. Federal Tax ID (9)	ligits) 17. TX State Franchise	Tax ID (11 digits)	18. DUNS Nu	mber(il applicable)	19. TX SOS Filing	Number (il applicable)			
			<u> </u>	L		1			
20. Number of Emplo	yees			21. Ind	-	and Operated?			
0-20 21-100		501 and h	igher	<u> </u>	<u>Yes</u>	No No			

SECTION III: Regulated Entity Information

SECTION III: Regulated Entity Information		(the section)
22. General Regulated Entity Information (If 'New Regulated Entity" is selected below th	his form should be accompanied	Dy a permit application
New Reputated Entity Update to Regulated Entity Name Update to Regu	ulated Entity Information	No Change** (See below)
"If "NO CHANGE" is checked and Section I is complete, skip to Sec	tion IV, Preparer Information.	
23. Regulated Entity Name (name of the site where the regulated action is taking place)	APTRT	
	SEP 25 2011	
		Page 1 of 2

4. Street Address									
f the Regulated									
intity: <u>No P.O. Boxes)</u>	City		State		ZIP			ZIP+4	
	1				******				
25. Mailing									
Address:	City		State		ZIP			ZIP+4	
26. E-Mail Address:									
27. Telephone Numb	 er	28	Extensio	n or Code	29. F	ax Number	(if applicable)	
() -					() -			
30. Primary SIC Code	a (4 digits)	31. Secondary SIC Cod	e (4 digits)	32. Primary N (5 or 6 digits)	IAICS C	ode	33. Secon (5 or 6 digits)	dary NAICS	Code
••••••	~~~~			1					•

Questions 34 - 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:					and the second secon	Manual 710 Anda
36. Nearest City		County		State		Nearest ZIP Code
37. Latitude (N) in	Decimal:		38. Longitude (W) In	Decimal:	
Degrees	Minutes	Seconds	Degrees		Minutes	Seconds
29	31	54	94		44	00

39. TCEQ Programs and ID Numbers Check all Programs and write in the permiseregistration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

upuales may not be made. If your t	Districts	Edwards Aquifer	Industrial Hazardous Waste	Municipal Solid Waste
Dam Safety				
	F	Petroleum Storage Tank		Sludge
New Source Review - Air	OSSF			
Stormwater	Title V – Air		Used Oil	
Voluntary Cleanup	Waste Water	Wastewater Agriculture	Water Rights	Other:

SECTION IV: Preparer Information

40. Name: Susie Frost			41. Title:	Office Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(281)408-4880		(281)408-4879		

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

(See me Core M			1.1	
Company:	Galveston Bay Energy	Job Title: Pro	esident	
Name(In Print) :	Jeremy G. Driver		Phone:	(281)408-4880
Signature:	240	APIRT	Date:	9/28/11
.		SEP 28 2011		<i>,</i> .
TCEQ-10400 (09/0	7)		1	Page 2 of 2

GBE Galveston Bay Energy, LLC.

September 22, 2011

APIRT SEP 23 2011

Air Permit Initial Review Team Texas Commission on Environmental Quality 12100 Park 35 Circle Mail Code 161, Building C, Third Floor, Room 300 W Austin, Texas 78753

RE: Initial Title V Application Trinity Bay F1 Platform - RN100211069 Galveston Bay Energy, LLC - CN603938309 RECEIVED SEP 23 2011 AUG DERMITS DIVISION

Dear Madam or Sir:

Galveston Bay Energy, LLC (GBE) has acquired the property and equipment for several sites previously owned and operated by Tekoil and Gas Gulf Coast LLC. One of these sites is the Trinity Bay F1 Platform. Upon review of the equipment and emissions associated with this site, GBE has determined the site is a major source of NOx. The previous owner did not obtain a Title V permit for this site. GBE is submitting the attached General Operating Permit (GOP) application to obtain a Title V permit.

If you have any questions concerning the information on the enclosed forms, please contact Ms. Susie Frost at 281-408-4880.

Sincerely, Fremy G. Driver President



ş

Attachment

cc: Mr. Manuel Bautista – TCEQ Region 12

S:\P\P114402\0056 - GBE\F1 PLATFORM TITLE V\TCEQ COVER LETTER - F1 PLATFORM TITLE V APP.DOCX



Texas Commission on Environmental Quality Federal Operating Permit Program Site Information Summary Form OP-1 (Page 1)

RECEIVED

SEP 23 2011

Page

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250. Address written inquiries to the Texas Commission on Environmental Quality, Office of Permitting and Registration, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	CON	PANY IDE	NTIF	YING II	NFORM	ATION							
	А.	Company N	ame:	Galvest	ton Bay E	nergy, L	LC	internet in the second s			· · · ·		<u></u>
	B .	Customer R	eferer	nce Numl	per (CN):	CN 60	03938309						
	С.	Submittal D	ate (m	nm/dd/yyy	yy):	09/22	/2011						
П.	SIT]	E INFORMA	TION	۲.						- Alle Anton - A			
	А.	Site Name: 7	Trinity	Bay F1 Pl	atform					<u></u>			
	B .	Regulated E	ntity]	Referenc	e Number	r (RN):	RN 1002	11069					
	C.	Primary Acc	count	Number	for Site:		CI-0177-	ב					
	D.	Indicate affe	ected s	state(s) re	equired to	review	permit ap	plication:	(Place d	an "X" in	the app	propriate l	box[es].)
AR		СО		KS		LA		NM		OK		N/A	X
	E.	Indicate all p	pollut	ants for v	which the	site is a	major sou	irce based	l on the s	ite's pote	ntial to	emit:	
Pollut	ant			VOC	NO _X	SO ₂	PM ₁₀	со	Pb	HAPS	Other		
Major	at the	e Site (YES/No	0):	NO	YES	NO	NO	NO	NO	NO	NO		
	F.	Is the source	e a noi	n-major s	ource sub	oject to t	he Federa	l Operatio	ng Permi	t Progran	1?	YES	🛛 NO
	G.	Is the site wi	ithin a	a local pr	ogram are	ea jurisd	iction?					YES	NO 🔀
	H.	Will emissic	ons av	eraging b	be used to	comply	with any	Subpart of	of 40 CFI	R Part 63	?	YES	🗙 NO
	I.	Indicate the averaging:	40 CI	FR Part 6	3 Subpart	t(s) that	will use e	missions					
ш.	PER	MIT TYPE											
:	A.	Type of Perr	mit Re	equested:	(Select o	only <u>one</u>	response	and place	e an "X"	in the bo	x.)		
Site O	peratin	g Permit (SO	P)	Tem	porary O	perating	Permit (7	COP)	Gener	ral Opera	ting Per	mit (GOP)	
IV.	INII	TAL APPLIC	CATI	ON INF	ORMAT	ION (C	omplete f	or Initial .	Issuance	Applicati	ions <u>onl</u> y	<u>v.)</u>	
	A.	Is this sub	mittal	an abbre	viated or	a full ap	oplication	?			Abbrev	viated 🔀 🛛	Full
	В.	If this is a	full a	pplication	n, is the s	ubmittal	a follow-	up to an a	abbreviat	ed applic	ation?	YES	X NO
	C.	If this is an Acid Rain				n, is this	an early	submittal	for a con	nbined S(OP and	YES	🗌 NO
	D.	Has a copy to the form						being sub	mitted) t	o EPA?	(Refer	YES	X NO
									(APIR		7	, b



Texas Commission on Environmental Quality Federal Operating Permit Program Site Information Summary Form OP-1 (Page 2)

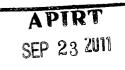
V.	CON	NFIDENTIAL INFORMA	TION	- Riting - Candan - C			
	A.	Is confidential information	n submitted in conjunc	tion with this	applic	cation?	YES X NO
VI.	RES	PONSIBLE OFFICIAL (I	RO)				
	A .	RO Name: (X Mr. 🗌 Mr	rs. 🗌 Ms. 🗌 Dr.) Jere	my G. Driver	*		
	В.	RO Title: President					
	C.	Employer Name: Galvesto	on Bay Energy, LLC				
	D.	Mailing Address: 800 Ges	sner Road, Suite 200				
City: H	lousto	n	State: TX			ZIP Code: 770	24
Territo	ry:		Country: US			Foreign Postal	Code:
	E.	Internal Mail Code:		F.	Telep	hone: 281-408-	4880
	G.	Fax: 281-408-4879 H. E-mail:					
VII.	TEC	CHNICAL CONTACT IDI	ENTIFYING INFOR	MATION (C	Comple	te if different fr	om RO.)
	A .	Technical Contact Name:	(Mr. Mrs. 🗙 M	1s. Dr.) Su	usie Fro	ost	in a second s
	В.	Technical Contact Title: C)ffice Manager				
C. Employer Name: Galveston Bay Energy, LLC							
	D.	Mailing Address: 800 Ges	ssner Road, Suite 200	<u> </u>			
City: H	lousto	n	State: TX			ZIP Code: 770	124
Territo	ry:		Country: US			Foreign Postal	Code:
	Е.	Internal Mail Code:					
	F.	Delivery Address:					
City:			State:			ZIP Code:	
Territo	ry:		Country:			Foreign Postal	Code:
	G.	Internal Mail Code:		H.	Telep	hone: 281-408-	4880
	I.	Fax: 281-408-4879		J.	E-mai	il:	
VIII.	REF	ERENCE ONLY REQUI	REMENTS (For refer	ence only.)			
	А.	State Senator: Senator Tor	nmy Williams				le de la grap de la grap de la del de la d La del la del de la de
	B.	State Representative: Rep.	Craig Eiland				<u></u>
	C.	Has the applicant paid emit (Sept. 1 - August 31)?	issions fees for the mos	st recent agen	icy fiso	cal year	X YES NO N/A
	D.	Is the site subject to biling	ual notice requirement	s pursuant to	30 TA	C § 122.322?	VES V NO
	Е.	Indicate the alternate langu	uage(s) in which public	c notice is req	juired:		
]			I	

APIRT SEP 23 2011



Texas Commission on Environmental Quality Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

IX.		F-SITE PERMIT REQUE tional for applicants request		^p and record	s at an off	-site location.	and the second sec	
	A.	Office/Facility Name:			, initiation and the		anne ann ann an tha ann an thairt an tha tha tha tha tha ann an tha	
	В.	Physical Address:						
City:			State:			ZIP Code:		
Territo	ory:		Country:			Foreign Posta	al Code:	
	C.	Physical Location:				· · · · · · · · · · · · · · · · · · ·		
	D.	Contact Name: (Mr.] Mrs. 🗌 Ms. 🗌 I	Dr.)			·· · ·	
	E.	Telephone:						
X.	API	PLICATION AREA INFO	RMATION					
	A.	Area Name: Trinity Bay F	1 Platform					
	В.	Physical Address:					- · · · · ·	
City:			State:			ZIP Code:		
	C.	Physical Location: off-sho	re in Trinity Bay	·		- I		
	D.	Nearest City: Baytown						
	E.	State: TX		F. ZIP Code: 77530				
	G.	Latitude (nearest second): 29:31:54 H. Longitude (nearest second): 94:44:00						
	I.	Are there any emission ur requirements identified in					TYES NO	
	J.	Indicate the estimated nur	nber of emission un	its in the app	lication a	rea:	9	
	K.	Are there any emission ur Program and/or CAIR?	its in the applicatio	n area subjec	t to the A	cid Rain	🗌 YES 🔀 NO	
XI.		BLIC NOTICE mplete this section for SOP.	Applications and Ac	id Rain Peri	nit Applice	ations <u>only</u> .)		
	А.	Name of public place to v	iew application and	draft permit	•		in han an a	
	B.	Physical Address:		_	• ····		·· ·· ·· ·· ·· · · · · · · · · · · · ·	
City:		···		ZIP Code	;		-*-*	
	C.	Contact Person (Someone	who will answer qu	uestions from	n the publi	c, during the p	public notice period):	
		(Mr. Mrs. Ms.] Dr.)				· · · · · · · · · · · · · · · · · · ·	
	D.	Contact Mailing Address:						
City:			State:	<u> </u>		ZIP Code:	- · · · · · · · · · · · · · · · · · · ·	
Territo	ory:		Country:			Foreign Posta	al Code:	
	Е.	Internal Mail Code:		F.	Telep	hone:		
XП.	DE	INQUENT FEES AND P	ENALTIES					
Notice		is form will not be processe torney General on behalf of	*		•		•	



TCE				g Permit Pro ion Summai -1 (Page 4)	ogram 'y	
the <u>Ce</u>	rtific	ate of Representation subr	nitted to EPA.	a CAIK Peri	mit app	lications <u>only</u> . Please include a copy of
хп.	DES	SIGNATED REPRESENT	ATIVE (DR) IDEN	FIFYING IN	FORM	IATION
And	A.	DR Name: (Mr. M				17. Salas Sankasin, in Talanda Salahan Salahan Salah
	В.	DR Title:				
	C.	Employer Name:				
	D.	Mailing Address:				
City:			State:			ZIP Code:
Territo	ry:		Country:			Foreign Postal Code:
	E.	Internal Mail Code:		F.	Telep	hone:
	G.	Fax:		H.	E-ma	11:
XIV.	AL	FERNATE DESIGNATED	REPRESENTATIV	/Е (ADR) П	DENTI	FYING INFORMATION
	A .	ADR Name: (Mr. 1	Mrs. Ms. Dr.)			
	B.	ADR Title:				
	С.	Employer Name:				
	D.	Mailing Address:				
City:			State:			ZIP Code:
Territo	ry:		Country:			Foreign Postal Code:
	E.	Internal Mail Code:		F.	Telep	hone:
	G.	Fax:		Н.	E-mai	il:





Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION	1						
A. RN: 100211069 F	B. CN: 60393	8309	on Confer Service	C. Acc	ount No.: C	I-0177-Q	
D. Permit No.:		E. Proje	ct No.:				
F. Area Name: Trinity Bay F1 Platform							
G. Company Name: Galveston Bay En	ergy, LLC					Party	
II. CERTIFICATION TYPE (Please	mark the appr	opriate box)		- 7			
A. 🛛 Responsible Official:		B. 🗌 Di	uly Authoriz	zed Repre	esentative:		
III. SUBMITTAL TYPE (Place an "2	(" in the appro	priate box) (Only one re	esponse ce	an be accept	ed per form)	
SOP/TOP Initial Permit Application		Update to]	Permit App	lication			
GOP Initial Permit Application		Permit Rev	vision, Rene	wal, or R	eopening		
□ Other:							
IV. CERTIFICATION OF TRUTH							
This certification does not extend to in	formation whi	ch is design	ated by the	TCEQ a	is informati	on for refere	nce only.
I, <u>Jeremy G. Driver</u> (Certifier Name printed or typed	<i>)</i>	, certify th	nat I am the	<u> </u>	RO or DA	for the contract of the co	his application
and that, based on information and bel period in Section IV.A below, or on the s							ed during the time
Note: Enter EITHER a Time Period OR not valid without documentation date(s).	Specific Date(s) for each c	ertification.	. This sec	ction must be	e completed.	The certification is
A. Time Period: From	to						
OR Start Date*		End Date*					
B. Specific Dates: <u>9/22/2011</u> Date 1* Date 2*		Date 4*			ate 6*	 Date 7*	Date 8*
*The Time Period option may only be a uncertified submittals; or a submittal paci- if the "Submittal Type" is 'Other.'	used when the ckage has mult	"Submittal ' iple dates re	Type" is 'L corded in th	Ipdate to he docum	Permit App entation. Do	lication' and o not use the :	there are multiple Time Period option
Signature:	$ \downarrow $.		Signatu	re Date:	9/22/	///
Title: President							
L						2 Table 468 - 7 T	· · · ·

TCEQ-10009 (Revised 02/07) OP-CRO1 This form for use by facilities subject to air quality permit requirements and may be revised periodically (APDG 5836 v1)

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Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date: 9/22/2011	Regulated Entity No.: 100211069		Permit No.:
Company Name: Galveston	Bay Energy, LLC	Area Nan	ne: Trinity Bay F1 Platform

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(e)(9).

Part 1

Compliance Plan — Future Activity Committal Statement

The Responsible Official commits, utilizing reasonable effort, to the following:

As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.

В.	Compliance Certification — Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	🛛 YES 🗌 NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	🗌 YES 🛛 NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)	
*	For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirement corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 shoul well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122. Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, as requirements, as appropriate, associated with the applicable requirement in question.	d be consulted as



TCEQ - 10100 (Revised 03/08) OP-ACPS - Application Compliance Plan and Schedule Form This form is for use by sources subject to air quality permit requirements and may be revised periodically. (APDG 5876 v1)



Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary Form OP-SUM Table 1

Date: 9/22/2011	Regulated Entity No.: RN100	211069	Permit No.:
Company Name: Galveston Bay Energy, LLC		Area Name: Trinity Bay F1 Platform	

Unit/Process ID				Preconstruction Au	thorizations		
No.	Applicable Form	Unit Name/Description	CAM	30 TAC Chapter 116/30 TAC Chapter 106	Title I	Group ID No.	Plant ID No.
СОМР3	OP-UA2	Caterpillar G3516TALE		106.512/06/13/2001			
GEN1	OP-UA2	Waukesha 1197G		106.512/06/13/2001			
SWP1	OP-UA2	Caterpillar G3306TAW		106.512/06/13/2001			
TANK1	OP-UA3	280 bbl Crude Tank		106.352/09/04/2000			
TANK2	OP-UA3	1,000 bbl Saltwater Tank		106.352/09/04/2000			
TANK3	OP-UA3	1,000 bbl Saltwater Tank		106.352/09/04/2000			
DHY2	OP-UA15, OP-U	Dehydrator Regen Vent		106.352/09/04/2000			
DHR2	OP-UA5	Dehydrator Reboiler		106.352/09/04/2000			



Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 1) Federal Operating Permit Program

 Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

 Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	09/22/2011	Permit No.:	Regulated Entity No.: RN100211069	
Area Name:	Galveston Bay Ener	gy, LLC - Trinity Bay F1 Platform	Customer Reference No.: CN603938309	

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
COMP3	511-23-004				ENG	NG	RICHBURN		
GEN1	511-23-004				ENG	NG	RICHBURN		
SWP1	511-23-007				ENG	NG	LEANBURN		
	<u> </u>			······································					
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				······					



Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 2) Federal Operating Permit Program

 Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

 Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	09/22/2011	Permit No.:	Regulated Entity No.:	RN100211069
Area Name:	Galveston Bay Energy, Ll	LC - Trinity Bay F1 Platform	Customer Reference No.:	CN603938309

Unit ID No.	SOP/GOP Index No.	NOx Emission Limitation	23C-Option	Chapter 116 Limit	EGF System Cap Unit	NOx Averaging Method	NOx Reduction	NOx Monitoring System
COMP3	511-23-004	310D			NO	1HR	NONE	MERT
GEN1	511-23-004	310D			NO	1HR	NONE	MERT
SWP1	511-23-007	310D			NO	1HR	NONE	MERT
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					<u> </u>	1	1	
							1	
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Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 3) Federal Operating Permit Program

 Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

 Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	09/22/2011	Permit No.:	Regulated Entity No.:	RN100211069
Area Name:	Galveston Bay Energy, LLC - Trinity	Bay F1 Platform	Customer Reference No.:	CN603938309

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
COMP3	511-23-004	X40A		1HR	OTHER	na Shihar na san si na shekarar ka dalaya	OTHER
GEN1	511-23-004	X40A		1HR	OTHER		OTHER
SWP1	511-23-007	X40A		1HR	OTHER		OTHER
TABLE Non -Italy m	I & I for c SOPS ON M E ON M	HIIT J N Am					

TCEQ - 10003 [Revised 10/09] OP-UA2 This form for use by facilities sunject to air quality permit requirements and may be revised periodically. (APDG: 5702 v8)

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Page 1 of 1



Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 4) Federal Operating Permit Program

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Date:	9/22/2011	Permit No.:	Regulated Entity No.:	RN100211069
Area Name:	Galveston Bay Energy, L	LC - Trinity Bay F1 Platform	Customer Reference No.:	CN603938309

Unit ID No.	SOP/GOP Index No.	Brake HP	Construction/ Reconstruction Date	Stationary RICE Type	Manufacture Date	Fuel Type	Different Schedule
COMP3		500+	02-06	4SRB		un <mark>be</mark> ndezelle solaren erretere	
GEN1		250-	02-06	4SRB			
SWP1		250-	02-06	4SLB			
						·	
						, , , , , , , , , , , , , , , , ,	
				· · · · · · · · · · · · · · · · · · ·			



Storage Tank/ Vessel Attributes Form OP-UA3 (Page 3) Federal Operating Permits Program

Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR 60)

Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)

Date:	9/22/2011	Permit No.:	Regulated Entity No.:	RN100211069
Area Name:	Galveston Bay Energy, LLC- Trinity Bay F	1 Platform	Customer Reference No.:	CN603938309

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Control Device ID No.	(
TANK1	511-07-001	CRUD-BF3	420K-						
	<u></u>								
	· · ·						·····		
						· ·			
									- {
								· · · · · · · · · · · · · · · · · · ·	
									_



Storage Tank/ Vessel Attributes Form OP-UA3 (Page 4) Federal Operating Permit Program

Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)Subchapter B: Storage of Volatile Organic Compounds (VOCs)

Date:	9/22/2011	Permit No.:	Regulated Entity No.:	RN100211069
Area Name:	Galveston Bay Energy, LLC- Trin	ity Bay F1 Platform	Customer Reference No.:	CN603938309

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
TANK1	511-08-002	NO		OIL1	B1K-40K			
TANK2	511-08-034	NO		VOC1	A40K+			
TANK3	511-08-034	NO		VOC1	A40K+			
							<u></u>	
				<u> </u>				
					1			
					<u>+</u>			



Storage Tank/ Vessel Attributes Form OP-UA3 (Page 5) Federal Operating Permit Program

Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)Subchapter B: Storage of Volatile Organic Compounds (VOCs)

Date: 9/22/2011			Permi	t No.:		Regulated Entity No.:	RN100211069	
Area Name:	Galveston Bay I	Energy, LLC- Trin	ity Bay F1 Platfo	orm		Customer Reference No.:	CN603938309	
Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
TANK1	511-08-002		SFP1	1.5+A				
TANK2	511-08-034		NONE1	1-				
TANK3	511-08-034		NONE1	1-	h - ù			
							· · · · · · · · · · · · · · · · · · ·	
								1
······································								1

TCEQ-10008 (Rev. 03/10) OP-UA3 Storage Tank/Vessel Attributes Forms This form is for use by sources subject to air quality permit requirements and may be revised periodically. [APDG 5737, v4]



Texas Commission on Environmental Quality Process Heater/Furnace Attributes Form OP-UA5 (Page 1) Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117) Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters

Date:	09/22/2011	Regulated Entity Number:	RN100211069	Permit No.:	
Area Name:	Galveston Bay Energy, LLC-T	rinity Bay F1 Platform			

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fu	Fuel Type(s)		Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
DHR2	511-04-001	PRHTR	G2-									
					- 12 - 1							
					<u>_</u>							

TCEQ -10025(08/10) OP-UA5 This form for use by facilities subject to air quality permit requirements and may be revised periodically (APDG 5701v8)



Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes Form OP-UA15 (Page 3) Federal Operating Permit Program

Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)Subchapter B: Vent Gas Control

Date: 9/22/2011	Permit No.:	Regulated Entity No.: RN100211069
Area Name: Galveston Bay E	Energy, LLC - Trinity Bay F1 Platform	Customer Reference No.: CN603938309

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
DHY2	511-17-002	NO	NO	REGVAPPL		100-		YES



Glycol Dehydration Unit Attributes Form OP-UA62 (Page 1) Federal Operating Permit Program

 Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subchapter HH: National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities

Date: 9/22/2011	Account No.: CI-0177-Q	
Area Name: Trinity Bay F1 Platform		

Emission Point ID No.	SOP/GOP Index No.	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	Annual Average Flowrate	Average Benzene Emissions	Process Vent Control	Bypass Device	Flow Indicator
DHY2	511-02-001	NO		85-				
			<u></u>					



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 1) Federal Operating Permit Program

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Date: 9/22/2011		RN No.: RN100211069	Permit No.:	such S OW		
Area Nam	e: Galve	eston B	ay Energy, L	LC - Trinity Bay F1 Platform	<u> </u>	
				LL questions unless otherwise DNLY these questions unless of		
the second s			CHAPTER	111 - CONTROL OF AIR P FTER	OLLUTION FROM VIS	SIBLE EMISSIONS
А.	Vis	ible E1	nissions			
•	1.		application a ary 31, 1972	rea includes stationary vents co.	onstructed on or before	🗌 YES 🕅 NO 🗌 N/A
•	2.		application a ary 31, 1972	rea includes stationary vents co.	onstructed after	X YES 🗌 NO
	3.		•	nts are addressed on a unit spec Question I.A.3. is "YES", go t		YES NO
	4.			constructed after January 31, 19 ance monitoring requirements.	972 are subject to	YES NO
♦	5.	Dete	Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.		X YES NO	
•	6.		application a 1.111(a)(7)(A	•	ea includes structures subject to 30 TAC).	
♦	7.	30 T		rea includes sources, other than 1(a)(1), (4), or (7), subject to 3 A).		🗌 YES 🔀 NO
♦	8.		ssions from u mbined wate	nits in the application area incl r.	ude contributions from	TYES X NO
*	9.	Mili		rea is located in the City of El l tion, and includes solid fuel hea 1(c).	· •	🗌 YES 🗌 NO 🛛 N/A
B .	Ma	terials	Handling, C	construction, Roads, Streets, 2	Alleys, and Parking Lots	C.
	1.	Item	s a - d detern	nines applicability of any of the	ese requirements based on	geographical location.
•		a.	The application of the second	ation area is located within the	City of El Paso.	🗌 YES 🔀 NO
♦		b.		ation area is located within the lan, except areas specified in 30	-	🗌 YES 🕅 NO
♦		c.		ation area is located in the porti oop formed by Beltway 8.	on of Harris County	TYES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 2) Federal Operating Permit Program

Date: 9/22/2011 RN No.: RN100211069 Permit No.:							
Area Name	: Galve	ston Bay Energy, LL	Energy, LLC - Trinity Bay F1 Platform				
			L questions unless otherwise directed. NLY these questions unless otherwise dir	rected.			
and an) TAC CHAPTER 1 RTICULATE MAT	11 - CONTROL OF AIR POLLUTIO TER (continued)	N FROM VISIBL	E EMISSIONS		
B .	Mat	erials Handling, Co	onstruction, Roads, Streets, Alleys, and	l Parking Lots (coi	ntinued)		
Group II stat		Group II stat		on area is located in the area of Nueces County outlined in YES X N implementation plan (SIP) for inhalable particulate d by the TCEQ on May 13, 1988.			
	If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO", go to Section I.C.						
	2.	Items a - d determi	ine the specific applicability of these req	uirements.			
<u>♦</u>		a. The applicat	ion area is subject to 30 TAC § 111.143.		U YES NO		
♦		b. The applicat	ion area is subject to 30 TAC § 111.145.	•	U YES NO		
•	**	c. The application	ion area is subject to 30 TAC § 111.147.	•	☐ YES ☐ NO		
•		d. The application	ion area is subject to 30 TAC § 111.149.	•	U YES INO		
С.	Emi	ssions Limits on No	onagricultural Processes				
•	1.	The application are § 111.151.	ea includes nonagricultural processes sul	bject to 30 TAC	X YES 🗌 NO		
	2.		ea includes oil or gas fuel-fired steam ge 3(a) and 111.153(c).	nerators subject to	🗌 YES 🗌 NO		
	3.		ea includes solid fossil fuel-fired steam g 153(a) and 111.153(b).	generators subject	🗌 YES 🗌 NO		
D.	Emi	ssions Limits on Ag	ricultural Processes				
	1.	The application are § 111.171.	ea includes agricultural processes subject	t to 30 TAC	YES 🗌 NO		
E.	Out	door Burning					
•	1.	-	s conducted in the application area. Question I.E.1 is "NO", go to Section II.		🗌 YES 🔀 NO		
•	2.	Fire training is con provided in 30 TAC	ducted in the application area and subject $C \in \{1, 1, 20, 5, 5, 5, 1, 1, 20, 5, 5, 1, 1, 20, 5, 1, 1, 20, 5, 1, 1, 20, 5, 1, 1, 20, 5, 1, 1, 20, 5, 1, 1, 20, 5, 1, 1, 20, 1, 1, 1, 20, 1, 1, 1, 20, 1, 1, 1, 20, 1, 1, 1, 20, 1, 1, 1, 20, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,$	ct to the exception	🗌 YES 🔀 NO		



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Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 3) Federal Operating Permit Program

TITLE

Date:	Date: 9/22/2011 RI			RN No.: RN100211069	D.: RN100211069 Permit No.:		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform							
				L questions unless otherwise d ILY these questions unless oth			
L) TAC CHAPTER 1 RTICULATE MATI	l1 - CONTROL OF AIR PO 'ER (continued)	LLUTION FROM VISIBI	LE EMISSIONS	
	Е.	Out	door Burning (conti	nued)			
♦		3.		, ceremony, cooking, and warr I subject to the exception prov		YES 🛛 NO	
♦		4.	Disposal fires are u provided in 30 TAC	sed in the application area and $C $ § 111.209.	subject to the exception	🗌 YES 🖾 NO	
♦		5.	Prescribed burning provided in 30 TAC	is used in the application area C § 111.211.	and subject to the exception	🗌 YES 🔀 NO	
•		6.		ng is used in the application ar in 30 TAC § 111.213.	ea and subject to the	YES 🗙 NO	
•		7.		a has received the TCEQ Exec d outdoor burning according to	~ ~	🗌 YES 🗵 NO	
п.	TIT	LE 30	TAC CHAPTER 1	12 - CONTROL OF AIR PO	LLUTION FROM SULFU	R COMPOUNDS	
	A.	Ten	nporary Fuel Shorta	ge Plan Requirements			
		1.		a includes units that are potent tage plan requirements of 30		YES 🗌 NO	
M.		nanderiger da 🔹 🔹) TAC CHAPTER 1: UNDS (VOCs)	15 - CONTROL OF AIR PO	LLUTION FROM VOLA	FILE ORGANIC	
	А.	App	licability				
•		1.	Beaumont/Port Art	a is located in the Houston/Ga hur area, Dallas/Fort Worth ar county as defined by 30 TAC <i>inclusive counties. If the resp</i> n IV.	ea, El Paso area, or a § 115.10.	X YES 🗌 NO	
	B.	Sto	rage of Volatile Orga	nic Compounds			
•		1.	capable of maintain	a includes storage tanks, reserving working pressure sufficient oss to the atmosphere.		🗌 YES 🕅 NO	



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Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 4) Federal Operating Permit Program

Date:	9/22/2	011		RN No.: RN100211069	Permit No.:	
Area 1	Name:	Galve	ston Bay Energy, LLC	- Trinity Bay F1 Platform	I	
				, questions unless otherwise dire LY these questions unless other		
Л.			TAC CHAPTER 11 UNDS (VOCs) (conti	5 - CONTROL OF AIR POL	LUTION FROM VO	DLATILE ORGANIC
	С.	Ind	ustrial Wastewater			
		1.	affected source cate	a includes affected VOC wastew gory, as defined in 30 TAC § 11 uestion III.C.1 is "NO" or "N/A	15.140.	☐ YES ☐ NO ☐ N/A
		2.	Beaumont/Port Arth If the response to Q	a is located at a petroleum refine nur or Houston/Galveston/Brazo suestion III.C.2 is "YES" and the nur area, go to Section III.D.	ria area.	☐ YES ☐ NO
		3.	63, Subpart G, as an (relating to Industria	a is complying with the provision a alternative to complying with t al Wastewater). <i>Suestion III.C.3 is "YES", go to S</i>	his division	☐ YES ☐ NO
		4.	wastewater, as deter than or equal to 10	a is located at a plant with an and rmined in accordance with 30 TA Mg (11.03 tons). <i>mestion III.C.4 is "YES", go to S</i>	AC § 115.148, less	☐ YES ☐ NO
		5.		a includes wastewater drains, jur at are subject to the control requ		☐ YES ☐ NO
	-	6.		a includes wastewater drains, jur at handle streams chosen for exe 2).		YES NO
		7.	~ ~	a includes wastewater drains, jur at have an executive director app 5.147(4).	-	🗌 YES 🗌 NO
	D.	Loa	ding and Unloading	of VOCs		
•		1.	The application area	a includes VOC loading operation	ons.	🗌 YES 🗶 NO
•		2.	operations.	a includes VOC transport vessel ons, if the responses to Question. 11.1.1.	-	🗌 YES 🔀 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 5) Federal Operating Permit Program

Date: 9/2	Date: 9/22/2011		RN No.: RN100211069 Permit No.		:	
Area Na	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
			L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.		
		TAC CHAPTER 11 JNDS (VOCs) (contin	5 - CONTROL OF AIR POLLUTION nued)	FROM VOI	LATILE ORGANIC	
D). Loa	ding and Unloading o	of VOCs (continued)			
•	3.	only VOC transfer o	at motor vehicle fuel dispensing facilities perations conducted in the application ar uestion III.D.3 is "YES", go to Section III	ea.	YES NO	
♦	4.		s in the Houston/Galveston/Brazoria area erations are conducted in the application		YES NO N/A	
ľ	. Filli	ng of Gasoline Storag	ge Vessels (Stage I) for Motor Vehicle]	Fuel Dispensi	ng Facilities	
*	1.	facilities and gasolin stationary storage co	includes one or more motor vehicle fuel e is transferred from a tank-truck tank in intainer. uestion III.E.1 is "NO", go to Section III.	to a	🗌 YES 🔀 NO	
♦	2.		ry storage containers used exclusively for ments are the only transfer operations co cation area.		YES INO	
•	3.	storage containers w their equivalent.	ties in the application area are made into ith internal floating roofs, external floatin uestion III.E.2 and/or E.3 is "YES", go to	ng roofs, or	U YES INO	
•	4.	in 30 TAC § 115.10.	is located in a covered attainment county sestion III.E.4 is "NO", go to Question II		🗌 YES 🗌 NO	
♦	5.		torage containers with a nominal capacit lons are located at the facility.	y less than	YES NO	
•	6.		torage containers with a nominal capacit re located at the facility.	y greater	🗌 YES 🗌 NO	
•	7.	Bexar, Caldwell, Co Wilson County, trans than 1000 gallons loo 125,000 gallons of g	In covered attainment counties other than mal, Guadalupe, Hays, Travis, Williamso sfers are made to stationary storage tanks cated at a facility which has dispensed les asoline in a calendar month after January testion III.E.7 is "YES", go to Section III	on, or greater ss than 1, 1999.	U YES INO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 6) Federal Operating Permit Program

Date	: 9/22/2	/22/2011 RN No.: RN100211069 Permit No.:				
Area	area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
•				L questions unless otherwise directed. ILY these questions unless otherwise dire	cted.	
Ш.			TAC CHAPTER 1 INDS (VOCs) (conti	15 - CONTROL OF AIR POLLUTION nued)	N FROM VC	PLATILE ORGANIC
	E.	Filli	ng of Gasoline Stora	ge Vessels (Stage I) for Motor Vehicle	Fuel Dispen	sing Facilities
♦	 8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. If the response to Question III.E.8. is "YES", go to Section III.F. 				☐ YES ☐ NO	
•	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.				0,000	☐ YES ☐ NO
•		10.	County, transfers an facility which has d	in Ellis, Johnson, Kaufman, Parker, or R re made to stationary storage tanks locate lispensed at least 10,000 gallons of gasoli is of gasoline in a calendar month after	d at a	☐ YES ☐ NO
	F.		trol of VOC Leaks f Ps 511, 512, 513 and	rom Transport Vessels (Complete this 514 only)	section for C	GOP applications for
•		1.		e filled with, or emptied of, gasoline at a C § 115.214(a)(1)(C) or 115.224(2) withi		🗌 YES 🗶 NO 🗌 N/A
•		2.	greater than or equa	e filled with non-gasoline VOCs having a of to 0.5 psia under actual storage condition TAC § 115.214(a)(1)(C) within the app	ons at a	☐ YES 🛛 NO 🗌 N/A
•		3.		e filled with, or emptied of, gasoline at a C § 115.214(b)(1)(C) or 115.224(2) withi		☐ YES ☐ NO 🛛 N/A



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 7) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.:				
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform								
			L questions unless otherwise directed. ILY these questions unless otherwise di	rected.	······			
	III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)							
G.	Сол	trol of Vehicle Refu	eling Emissions (Stage II) at Motor V	ehicle Fuel D	ispensing Facilities			
*	1.	facilities and gasoli into motor vehicle f	a includes one or more motor vehicle fine is transferred from a stationary stora fuel tanks. <i>Suestion III.G.1 is "NO" or "N/A", go a</i>	ge container	☐ YES ⊠ NO ☐ N/A			
*	2.	watercraft, or agricu conducted at facilit	used exclusively for the fueling of airc ultural implements are the only transfer ies in the application area. <i>Puestion III.G.2 is "YES", go to Section</i>	operations	☐ YES ☐ NO			
•	3.	The application area after November 15,	a includes facilities that began construc 1992.	tion on or	YES NO			
•	4.	The application area November 15, 1992	a includes facilities that began construc	tion prior to	YES NO			
•	5.	The application area of less than 10,000	a includes facilities that have a monthly gallons of gasoline.	throughput	YES NO			
H.	Con	trol Of Reid Vapor	Pressure (RVP) of Gasoline					
•	1.	containers holding g vehicle in El Paso C	a includes stationary tanks, reservoirs, or gasoline that may ultimately be used in County. Suestion III.H.1 is "NO" or "N/A", go a	a motor	☐ YES ☐ NO 🛛 N/A			
*	2.		a includes stationary tanks, reservoirs, or gasoline that will be used exclusively for ements.		U YES NO			
♦	3.	The application area	a includes a motor vehicle fuel dispensi	ng facility.	I YES I NO			
•	4.		a includes stationary tanks, reservoirs, or gasoline and having a nominal capacity		☐ YES ☐ NO			
·	Proc	cess Unit Turnaroun	d and Vacuum-Producing Systems in	r Petroleum R	efineries			
	1.	The application area	a is located at a petroleum refinery.		🗌 YES 🗌 NO			



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 8) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	Permit No.:	
Area	Name: (Galve	ston Bay Energy, LLC	C - Trinity Bay F1 Platform	P	
•				L questions unless otherwise di ILY these questions unless othe		
III.			D TAC CHAPTER 11 UNDS (VOCs) (conti	15 - CONTROL OF AIR PO	LLUTION FROM VC	DLATILE ORGANIC
	J.	Sur	face Coating Process	ses (Complete this section for	GOP applications on	y.)
•	 Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(a)(3)(A) or 115.427(b)(1) are performed in the application area. 		tion specified in	☐ YES ⊠ NO ☐ N/A		
	К.	Off	set Lithographic Prin	nting		
	<u>-</u> -	1.		a includes offset lithographic p estion III.K.1. is "NO", go to S		YES NO
		2.	Kaufman, Parker, R	a in is Collin, Dallas, Denton, D Rockwall, or Tarrant Counties. Suestion III.K.2. is "NO", go to		☐ YES ☐ NO
		3.		hic printing presses on the prop a combined weight of VOC les		□ YES □ NO
		4.	Harris, Liberty, Mo	a is in Brazoria, Chambers, For ntgomery, or Waller Counties. Questions III.K.2. and 4. are be		☐ YES ☐ NO
		5.		hic printing presses on the prop a combined weight of VOC less		☐ YES ☐ NO
	L.	Cut	back Asphalt			
		1.	roadways, driveway application area by a	ck asphalt containing VOC sol vs, or parking lots, is used or sp a state, municipal, or county ag tuestion III.L.1 is "N/A", go to	pecified for use in the gency.	☐ YES ☐ NO ☐ N/A
		2.	asphalt containing V	n, sale, or offering for sale of co VOC solvents for the paving of rs in the application area.		☐ YES ☐ NO ☐ N/A
		3.	Asphalt emulsion is	used or produced within the a	pplication area.	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 9) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	Permit No.:		
Area	Name:	Galve	ston Bay Energy, LL0	C - Trinity Bay F1 Platform			
				L questions unless otherwise div ILY these questions unless othe			
Ш.			TAC CHAPTER 1 NDS (VOCs) (conti	15 - CONTROL OF AIR POI inued)	LLUTION FROM VO	LATILE ORGANIC	
	L.	Cut	oack Asphalt <i>(contir</i>	1			
		4.	specified in 30 TAC	a is using an alternate control re C § 115.513. Question III.L.4 is "NO", go to	-	🗌 YES 🗌 NO	
		5.		a uses, applies, sells, or offers f h cutback asphalt, that meets th 17(1).		🗌 YES 🗌 NO	
	6. The application ar that is used solely			a uses, applies, sells, or offers f as a penetrating prime coat.	uses, applies, sells, or offers for sale cutback asphalt a penetrating prime coat.		
		7.	The applicant using agency.	g cutback asphalt is a state, mun	nicipal, or county	YES INO	
1. A	М.	Deg	assing or Cleaning o	of Stationary, Marine, and Tra	ansport Vessels		
•		1.	stationary, marine,	a includes degassing or cleanin and/or transport vessels. Question III.M.1 is "NO" or "N		UYES X NO N/A	
•		2.	vessels is performe	ing of only ocean-going, self-particle of only ocean-going, self-particle of the application area. Duestion III.M.2 is "YES", go to	-	UYES NO N/A	
•		3.	storage capacity of	ing of stationary VOC storage v 1,000,000 gallons or more and in or equal to 0.5 psia of VOC i	a vapor space partial	☐ YES ☐ NO ☐ N/A	
•		4.	storage capacity of capacity of 75,000 pressure greater that	ing of stationary VOC storage v 250,000 gallons or more, or a r gallons and storing materials w an 2.6 psia, and a vapor space p psia of VOC is performed in the	nominal storage rith a true vapor artial pressure greater	UYES NO N/A	
•		5.	capacity of 8,000 g	ing of VOC transport vessels w allons or more and a vapor space al to 0.5 psia of VOC is perform	ce partial pressure	🗌 YES 🗌 NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 10) Federal Operating Permit Program

Date:	9/22/20	011		RN No.: RN100211069	Permit No.:	
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
				L questions unless otherwise directed. LY these questions unless otherwise dire	cted.	
Ш.			TAC CHAPTER 11 JNDS (VOCs) (conti	15 - CONTROL OF AIR POLLUTION nued)	N FROM VO	PLATILE ORGANIC
	М.	Deg	assing or Cleaning o	f Stationary, Marine, and Transport V	essels (conti	nued)
•		6.	capacity of 10,000	ng of VOC marine vessels with a nomina barrels (420,000 gallons) or more and a v ater than or equal to 0.5 psia of VOC is p	apor space	☐ YES ☐ NO ☐ N/A
•	more of the exemp			ng of VOC marine vessels that do not m ions specified in 30 TAC § 115.547(1), (damage as specified in 30 TAC § 115.54 plication area.	(2), or (5),	☐ YES ☐ NO ☐ N/A
	N.	Petr	oleum Dry Cleaning	Systems		
		1.		a contains one or more petroleum dry cle troleum based solvents.	aning	YES NO N/A
	О.	Ven	t Gas Control (High			
		1.	The application area HRVOC.	a includes one or more vent gas streams	containing	YES NO N/A
		2.	potential to emit HR If the response to Q	uestion III.O.1. and III.O.2. are both "N n III.P. If the response to Question III.C	O" or	UYES NO N/A
		3.		the application area that are routed to a f /OC by weight at all times.	lare contain	🗌 YES 🗌 NO
	contain less than 10		contain less than 10 If the response to Q	the application area that are not routed to 0 ppmv HRVOC at all times. <i>The stions III.O.3. and III.O.4. are both "1</i>		U YES NO
	5. The application are controlled by a flar			a contains pressure relief valves that are a	not	YES NO
		6.	The application area to emit HRVOC.	a has at least one vent stream which has a	no potential	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 11) Federal Operating Permit Program

Date	Date: 9/22/2011			RN No.: RN100211069	Permi	t No.:	
Area	Name:	Galve	eston Bay Energy, LL	C - Trinity Bay F1 Platform			
•				L questions unless otherwise of NLY these questions unless other			
Ш.	- 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	dia 1. Sec	TAC CHAPTER 11 JNDS (VOCs) (contin	5 - CONTROL OF AIR PO nued)	LLUTION FROM	VI VOLATIL	E ORGANIC
	0.	Ven	t Gas Control (Highl	y-reactive volatile organic c	ompounds (HRV	OC) (continu	ed)
	· · · ·	7.	The application area § 115.727(c)(3)(A)	i has vent streams from a sour - (H).	ce described in 30	TAC YE	ES 🗌 NO
	P.	Cool	ling Tower Heat Exc	hange Systems (HRVOC)			
		1.		i includes one or more cooling have the potential to emit HF		nge 🗌 YE	ES 🗌 NO 🗌 N/A
IV.	CHARLES SALES TO A 1	LE 30 MPOL	- 10 C	7 - CONTROL OF AIR PO	LLUTION FROM	M NITROGE	N
	А.	App	licability				
•		1.	Beaumont/Port Arth Eight-Hour area. For SOP application complete Sections II For GOP application Question IV.A.1 is " For GOP application "YES", complete Sec	a is located in the Houston/Ganur, Dallas/Fort Worth, or Dal ns, if the response to Question V.B - IV.F and IV.H. ons for GOPs 511, 512, 513, a 'YES'', go to Section IV.F. ons for GOP 517, if the respon- ections IV.C. and IV.F. ons, if the response to Questio	llas/Fort Worth n IV.A.1 is "YES", or 514, if the respon nse to Question IV	nse to A.1 is	ES 🗌 NO
		2.	McLennan County a	a is located in Bexar, Comal, I and includes a cement kiln. <i>uestion IV.A.2 is "YES", go to</i>	•		ES 🗌 NO
		3.	central Texas county See instructions for If the response to Q	a includes a utility electric ger y. a list of counties included. uestion IV.A.3 is "YES", go to Questions IV.A.1 - 3 are all "1	o Question IV.G.1.		ES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 12) Federal Operating Permit Program

Date	e: 9/22/2	2011		RN No.: RN100211069		Permit No.:		
Are	a Name:	: Galv	eston Bay Energy, LL	C - Trinity Bay F1 Platform				
٠				L questions unless otherwise dir ILY these questions unless other		cted.		
IV.			TAC CHAPTER 11 JNDS (continued)	7 - CONTROL OF AIR POL	LUTION	FROM NIT	ROGEN	
	B.	Utility Electric Generation in Ozone Nonattainment Areas						
		1.	 The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. If the response to Question IV.B.1. is "NO", go to Question IV.C.1. 				☐ YES ☐ NO	
		2.	The application area §§ 117.1020 or 117.	YES NO				
	C.	Con	nmercial, Institutiona	ll, and Industrial Sources in C	zone No	nattainment	Areas	
•		1.	Subchapter B and in 117.300, or 117.400 For SOP application Question IV.D.1.	ns, if the response to Question I ns for GOP 517, if the response	C §§ 117. V.C.1. is	100, "NO", go to	YES 🗌 NO	
•		2.	The application area before November 15	is located at a site that was a m 5, 1992.	ajor sour	ce of NOx	🗌 YES 🔀 NO 🗌 N/A	
•		3.		includes an electric generating tem Cap in 30 TAC § 117.320.	facility re	equired to	🗌 YES 🔀 NO	
	D.	Adij	pic Acid Manufactur	ing				
		1.	The application area unit.	is located at, or part of, an adip	ic acid pr	oduction	□ YES □ NO □ N/A	
	E.	Nitr	ic Acid Manufacturi	ng - Ozone Nonattainment Ar	eas			
		1.	The application area	is located at, or part of, a nitric	acid prod	luction unit.	YES NO N/A	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 13) Federal Operating Permit Program

Date: 9/22	2/2011		RN No.: RN100211069	Permit No.:		
Area Nan	ne: Galve	Galveston Bay Energy, LLC - Trinity Bay F1 Platform				
			L questions unless otherwise dir ILY these questions unless other			
- 11. 11. I.		TAC CHAPTER 1 INDS (continued)	17 - CONTROL OF AIR POL	LUTION FROM NI	IROGEN	
F		bustion Control at ionary Engines and	Minor Sources in Ozone Nona Gas Turbines	ittainment Areas - Bo	oilers, Process Heaters,	
•	1.	the Houston/Galves For SOP application Question IV.H.1.	a is located at a site that is a min ston/Brazoria or Dallas/Fort Wo ons, if the response to Question . ons, if the response to Question	orth Eight-Hour areas. IV.F.1 is "NO", go to	🗌 YES 🔀 NO	
*	2.		a is located in the Houston/Galv ualify for an exemption under 3		☐ YES ☐ NO	
♦	3.		a is located in the Houston/Galv ualify for an exemption under 3		☐ YES ☐ NO	
•	4.		a is located in the Dallas/Fort W ualify for an exemption under 3	-	🗌 YES 🗌 NO	
•	5.		a has units subject to the emission 17.2010 or 30 TAC § 117.2110		🗌 YES 🗌 NO	
G	. Utili	ty Electric Generati	on in East and Central Texas			
	1.	stationary gas turbi ducts) that were pla	a includes utility electric power nes (including duct burners used ced into service before Decemb puestion IV.G.1 is "NO", go to g	l in turbine exhaust er 31, 1995.	U YES NO	
	2.	The application are § 117.3020.	a is complying with the System	Cap in 30 TAC	U YES INO	
Ι	I. Mul	ti-Region Combusti	on Control - Water Heaters, S	Small Boilers, and Pro	ocess Heaters	
	1.	installer of natural a with a maximum ra	a includes a manufacturer, distrigas fired water heaters, boilers of ted capacity of 2.0 MMBtu/hr of <i>uestion IV.H.1. is "NO" go to S</i>	or process heaters or less.	U YES INO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 14) Federal Operating Permit Program

Date	Date: 9/22/2011 RN No.: RN100211069 Permit No.:			RN No.: RN100211069	:	
Area	Name:	Galv	eston Bay Energy, LLC	C - Trinity Bay F1 Platform	, , , , , , , , , , , , , , , , ,	
				L questions unless otherwise dir /LY these questions unless other		
IV.	1486	LE 30 tinued		7 - CONTROL OF AIR POL	LUTION FROM NI	TROGEN COMPOUNDS
	H.	Mul	ocess Heaters (continued)			
		2.		pilers or process heaters manufa qualify for an exemption under		I YES I NO
V.	VOI) - NATIONAL MER AND			
A. Subpart B – National Volatile Organic Compound Emission Standards for Automobile Refin Coatings						Automobile Refinish
		1. The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.				YES NO
		2.	components, manufa distributes these coa	imports automobile refinish conductured on or after January 11, 1 tings or coating components in <i>Questions V.A.1 and V.A.2 are be</i>	1999, and sells or the United States.	TYES NO
		3.	imported by the appl	ish coatings or coating compon- lication area meet one or more $(55.100(c)(1) - (6))$.		TYES NO
	В.	Sub	part C – National Vo	latile Organic Compound Em	ission Standards for	Consumer Products
		1.	The application area distribution in the U	manufactures consumer producent nited States.	cts for sale or	YES NO
	2. The application area imports consumer products manufactur December 10, 1998 and sells or distributes these consumer p the United States.					r 🔲 YES 🗌 NO
		3.	appears on the label	is a distributor of consumer pro of one or more of the products. <i>Puestions V.B.1 - V.B.3 are all "</i>		TYES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 15) Federal Operating Permit Program

Date: 9/22/20	2 9/22/2011 RN No.: RN100211069 Permit No.:						
Area Name: (Galve	ston Bay Energy, LLC	- Trinity Bay F1 Platform	•			
			L questions unless otherwise dire ILY these questions unless other		ed.		
VOI	ATI		AL REGULATIONS PART 5 POUND EMISSION STAND S (continued)		A set of the set of		
B .	idards for	Consumer Products					
	 All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). 				🗌 YES 🗌 NO		
С.	Subpart D – National Volatile Organic Compound Emission Standards for Architectural Coatings						
	1.		a manufactures or imports archit in the United States.	tectural coat	tings for	🗌 YES 🗌 NO	
i i i i i i i i i i i i i i i i i i i	2.	are registered under Act.	a manufactures or imports archit the Federal Insecticide, Fungic Questions V.C.1 and V.C.2 are b	ide, and Roo	denticide	U YES INO	
	3.		atings manufactured or imported ore of the exemptions specified i		lication	🗌 YES 🗌 NO	
D.	Sub	part F – Control of]	Evaporative Emissions From N	New and In-	-Use Porta	ible Fuel Containers	
	1.	for sale or distribution	a manufactures or imports porta- tion in the United States. Suestion V.D.1 is "NO", go to Se		tainers	YES INO	
	2.		ntainers manufactured or import ore of the exemptions specified i		pplication	🗌 YES 🗌 NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 16) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Per	mit No.:	
Area Nan	ne: Galve	ston Bay Energy, LL(C - Trinity Bay F1 Platform			
			L questions unless otherwise dir VLY these questions unless other		!	;;;
En la sub-	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	and the second s	AL REGULATIONS PART 6 RDS (NSPS) (continued)	50 (40 CFR P.	ART 60)	- NEW SOURCE
A	. App	licability				
•	1.	40 CFR Part 60 sub	ea includes a unit(s) that is subje oparts. Question VI.A.1 is "NO", go to S		iore	🗌 YES 🔀 NO
B. Subpart Y - Standards of Performance for Coal Preparation a				aration and F	Processing	Plants
	1.	plant.	ea is located at a coal preparation Question VI.B.1 is "NO", go to S	-	ing	🗌 YES 🗌 NO
	2.	than 200 tons per d	on and processing plant has a des ay (tpd). Question VI.B.2 is "NO", go to S		greater	🗌 YES 🗌 NO
	3.	than 200 tpd and is	otion to enforceably limit its ope choosing this option. Question VI.B.3. is "YES", go to	0		🗌 YES 🗌 NO
	4.	affected facility.	an open storage pile, as defined Question VI.B.4. is "NO", go to	•	as an	🗌 YES 🗌 NO
	5.	The open storage p May 27, 2009.	ile was constructed, reconstructed	ed or modified	d after	🗌 YES 🗌 NO
C.	2. Sub	part GG - Standard	s of Performance for Stationa	ry Gas Turbi	ines (GOF	applicants only)
•	1.	have a heat input at (10.7GJ/hr), based	ea includes one or more stationar t peak load greater than or equal on the lower heating value of th Question VI.C.1 is "NO" or "N/	to 10 MMBtune fuel fired.		🗌 YES 🛄 NO 🗍 N/A
•	2.	reconstructed after	affected facilities were construct October 3, 1977 and prior to Fe Question VI.C.2 Is "NO", go to S	bruary 19, 20		□ YES □ NO
	3.		nary gas turbines in the application of alternative fuel monitoring scheme (4).			🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 17) Federal Operating Permit Program

Date:	9/22/20)11		RN No.: RN100211069	Permit No.:			
Area]	Name: (Galves	ston Bay Energy, LLC	- Trinity Bay F1 Platform	•			
				L questions unless otherwise directly these questions unless other				
VI.				AL REGULATIONS PART 6 DS (NSPS) (continued)	0 (40 CFR PART 60)) - NEW SOURCE		
	C.	Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)						
		4.		cified in 40 CFR § 60.332(e) is l gas turbines in the application ar	-	YES NO		
		5.		FR Part 60, Subpart steam for the control	☐ YES ☐ NO			
	D.	Subpart XX - Standards of Performance for Bulk Gasoline Terminals						
		1.		a includes bulk gasoline termina Question VI.D.1 is "NO", go to S		YES NO N/A		
		2.	One or more of the loading racks were constructed or modified after December 17, 1980.			🗌 YES 🗌 NO		
	E.		part LLL - Standard 2) Emissions	ls of Performance for Onshor	e Natural Gas Proces	sing: Sulfur Dioxide		
•		1.	§ 60.640(a) that pro For SOP application Section VI.F.	a includes affected facilities iden ocess natural gas (onshore). ons, if the response to Question is ons, if the response to Question on VI.H.	VI.E.1 is "NO", go to	☐ YES ☐ NO		
•		2.	The affected facilit January 20, 1984.	es that were constructed or mod	lified after	🗌 YES 🗌 NO		
•		3.	capacity greater that	a includes a gas sweetening unit n or equal to 2 long tons per day it operates at less than 2 LTPD.	<u> </u>	□ YES □ NO		
	F.	Sub	part OOO - Standar	rds of Performance for Nonme	tallic Mineral Proces	ssing Plants		
		1.	§ 60.670(a)(1) that processing plant.	a includes affected facilities idea are located at a fixed or portable <i>Question VI.F.1 is "NO", go to S</i>	e nonmetallic mineral	☐ YES ☐ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 18) Federal Operating Permit Program

Date: 9/	Date: 9/22/2011 RN No.: RN100211069 Permit No.:				
Area Na	ame: Galve	eston Bay Energy, LL	C - Trinity Bay F1 Platform	· · · · · · · · · · · · · · · · · · ·	
			L questions unless otherwise directed NLY these questions unless otherwise		
VI.			AL REGULATIONS PART 60 (40 RDS (NSPS) <i>(continued)</i>	CFR PART 60) - NEW SOURCE
	F. Sut	opart OOO - Standa	rds of Performance for Nonmetallic	Mineral Proce	ssing Plants (continued)
	2.		dentified in 40 CFR § 60.670(a)(1) as subject to 40 CFR Part 60, Subpart (I YES I NO
		opart QQQ - Standa stewater Systems	rds of Performance for VOC Emiss	ions from Petro	leum Refinery
	1.	or more of the affect 40 CFR § 60.690(a reconstruction was	ca is located at a petroleum refinery ar cted facilities identified in (2) - (4) for which construction, mod commenced after May 4, 1987. <i>Question VI.G.1 is "NO", go to Sectio</i>	lification, or	☐ YES ☐ NO
	2.	The application are	a includes stormwater sewer systems	•	YES NO
	3.		a includes ancillary equipment which vastewater system and does not come vater.		U YES NO
	4.	The application are	a includes non-contact cooling water	systems.	YES NO
	5.		a includes individual drain systems. Question VI.G.5 is "NO", go to Section	n VI.H.	YES NO
	6.		a includes one or more individual dra a specified in 40 CFR § 60.692-2(d).	in systems that	YES NO
	7.	The application are	a includes completely closed drain sy	stems.	U YES NO
	Wh	ich Construction Co	ards of Performance for Small Mun mmenced After August 30, 1999 or nced on or After June 6, 2004	iicipal Waste In for Which Mod	cineration Units for lification or
•	1.	incineration unit, of If the response to Q	a includes at least one small municipather than an air curtain incinerator. Suestion VI.H.1. is "N/A", go to Section VI.H.1. is "NO", go to Question VI.	on VI.I. If the	☐ YES ☐ NO ☐ N/A
•	2.	incineration unit, of	a includes at least one small municipather than an air curtain incinerator, comodified or reconstructed on or after	nstructed after	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 19) Federal Operating Permit Program

Date: 9	te: 9/22/2011 RN No.: RN100211069 Permit No.:				
Area N	ame: Ga	alveston Bay Energy, LLC	C - Trinity Bay F1 Platform		
			L questions unless otherwise directed. ILY these questions unless otherwise dire	cted.	· · · · · · · · · · · · · · · · · · ·
VI.			AL REGULATIONS PART 60 (40 CF DS (NSPS) <i>(continued)</i>	R PART 60)	- NEW SOURCE
	The second se	Which Construction Co	ards of Performance for Small Municip mmenced After August 30, 1999 or for nced on or After June 6, 2004 <i>(continue</i>	Which Modi	
•	 The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. 		🗌 YES 🗌 NO		
•	4		The application area includes at least one air curtain incinerator. Note: If the response to Question VI.H.4. is "NO", go to Section VI.I.		
•	5	constructed after An after June 6, 2006.	on area includes at least one air curtain incinerator fter August 30, 1999 or modified or reconstructed on or 2006. e to Question VI.H.5. is "NO", go to Question VI.H.7.		YES NO
•	6		erators constructed after August 30, 1999 ructed on or after June 6, 2006 combust of		YES NO
♦	7		a includes at least one air curtain incinera August 30, 1999 and not modified or reco 2006.		YES NO
♦	8		curtain incinerators constructed before August 30, 1999 and not ed or reconstructed on or after June 6, 2006 combust only yard		🗌 YES 🗌 NO
	I	ncineration Units for W	urds of Performance for Commercial a /hich Construction Commenced After ruction Commenced on or After June	November 30	Solid Waste , 1999 or for Which
*	1	waste incineration u If the response to Q	a includes at least one commercial or indu- unit, other than an air curtain incinerator. A puestion VI.I.1. is "N/A", go to Section VI on VI.I.1. is "NO", go to Question VI.I.4.		UYES NO N/A



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 20) Federal Operating Permit Program

Date:	9/22/2011	22/2011 RN No.: RN100211069 Permit No.:						
Area]	Name: Galves	ston Bay Energy, LLC	- Trinity Bay F1 Platform					
			L questions unless otherwise d LY these questions unless oth		ed.			
VI.	VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)							
	I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)							
•	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.				🗌 YES 🗌 NO			
•	3.	waste incineration u	a includes at least one commen unit, other than an air curtain in 0, 1999 and not modified or re	ncinerator, co	onstructed	🗌 YES 🗌 NO		
♦	4.		a includes at least one air curta nuestion VI.I.4. is "NO", go to			YES NO		
•	5.	constructed after No after June 1, 2001.	a includes at least one air curta ovember 30, 1999 or modified puestion VI.I.5. is "NO", go to	or reconstru		U YES NO		
•	6.	modified or reconst	erators constructed after Nove ructed on or after June 1, 2001 , or yard waste or a mixture of	combust on	ly wood	YES NO		
•	7.		a includes at least one air curta November 30, 1999 and not m 2001.			🗌 YES 🗌 NO		
•	8.	not modified or reco	erators constructed before Nor onstructed on or after June 1, 2 umber, or yard waste or a mix	2001 combus	t only	🗌 YES 🗌 NO		



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Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 21) Federal Operating Permit Program

Date: §	Date: 9/22/2011		R	N No.: RN100211069	Permit No.:	
Area N	lame: Ga	alves	ton Bay Energy, LLC -	Trinity Bay F1 Platform		
				uestions unless otherwise dir ⁷ these questions unless other		
VI.			CODE OF FEDERAI IANCE STANDARD	A REGULATIONS PART 6 S (NSPS) (continued)	0 (40 CFR PART 60)	- NEW SOURCE
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for White Construction Commenced After December 9, 2004 or for Which Modification or Reconstructin Commenced on or After June 16, 2006						
	1	•	incineration unit or inscurtain incinerator. If the response to Que	ncludes at least one very sma stitutional incineration unit, c stion VI.J.1. is "N/A", go to VI.J.1. is "NO", go to Questi	other than an air Section VII. If the	☐ YES ☐ NO ☐ N/A
♦	2	2.	incineration unit, othe	ncludes at least one very sma r than an air curtain incinerat nodified or reconstructed on	or, constructed after	U YES INO
♦	3	5.	incineration unit, othe	ncludes at least one very sma r than an air curtain incinerat l not modified or reconstructed	or, constructed before	U YES INO
♦	4	.		ncludes at least one air curtai stion VI.J.4. is "NO", go to S		🗌 YES 🗌 NO
•	5		constructed after Dece after June 16, 2006.	ncludes at least one air curtain or 9, 2004 or modified or stion VI.J.5. is "NO", go to g	reconstructed on or	U YES INO
♦	6	Ĵ.	modified or reconstruct	tors constructed after Decem ted on or after June 16, 2006 r yard waste or a mixture of	combust only wood	U YES NO
•	7			ncludes at least one air curtai cember 9, 2004 and not modi 06.		U YES INO
•	8	8.	modified or reconstruct	tors constructed before Dece ted on or after June 16, 2006 r yard waste or a mixture of t	combust only wood	🗌 YES 🗌 NO
♦	9).		ator is located at an institutio of the institutional facility th		🗌 YES 🗌 NO



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Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 22) Federal Operating Permit Program

Date: 9	9/22/20	011	RN No.: RN100211069	Permit No.:				
Area N	Vame:	Galveston Bay Energy, Ll	C - Trinity Bay F1 Platform	• · · · • • • •				
•			ALL questions unless otherwise directe ONLY these questions unless otherwise					
YI.			RAL REGULATIONS PART 60 (40 RDS (NSPS) <i>(continued)</i>	CFR PART 60)	- NEW SOURCE			
		J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)						
•	10. The air curtain incinerator burns less than 35 tons per day of wood waste, YES No clean lumber, or yard waste or a mixture of these materials.				🗌 YES 🗌 NO			
VII.			RAL REGULATIONS PART 61 (40 OR HAZARDOUS AIR POLLUTAN		- NATIONAL			
	A.	Applicability						
••••••••••••••••••••••••••••••••••••••		CFR Part 61 subp	ea includes a unit(s) that is subject to o arts. Question VII.A.1 is "NO" or "N/A", go		🗌 YES 🔀 NO 🗌 N/A			
	B.	8. Subpart F - National Emission Standard for Vinyl Chloride						
		dichloride by reac vinyl chloride by a	ea is located at a plant which produces tion of oxygen and hydrogen chloride v any process, and/or one or more polyme lymerized vinyl chloride.	with ethylene,	U YES NO			
	С.		mission Standard for Benzene Emiss enzene (Complete this section for GC					
•		1. The application ar	ea includes equipment in benzene servi	ice.	YES NO N/A			
	D.	Subpart L – National H Plants	Emission Standard for Benzene Emiss	sions from Coke	By-Product Recovery			
		includes one or mo § 61.130(a) - (b).	ea is located at a coke by-product recovore of the affected sources identified in <i>Question VII.D.1 is "NO", go to Section</i>	40 CFR	U YES INO			
		2. The application ar determined by 40	ea includes equipment in benzene servi CFR § 61.137(b).	ce as	YES NO			
		3. The application ar § 61.243-1 and 40	ea has elected to comply with the provi CFR § 61.243-2.	sions of 40 CFR	YES NO			



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 23) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.:		
Area Name:	Galve	ston Bay Energy, LL(C - Trinity Bay F1 Platform		· · · · · · · · · · · · · · · · · · ·	
			L questions unless otherwise directed. NLY these questions unless otherwise direc	ected.	· · · · · · · · · · · · · · · · · · ·	
			AL REGULATIONS PART 61 (40 CF OR HAZARDOUS AIR POLLUTANTS		- NATIONAL	
E. Subpart M - National Emission Standard for Asbestos						
	<u>,,,,,,,,,</u>		Applicability			
	1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, .144, .146, 147, .148, or .155. If the response to Question VII.E.1 is "NO", go to Section VII.F.				U YES INO	
	2.		a includes roadways constructed or maint asbestos-containing waste material.	tained with	🗌 YES 🗌 NO	
	3.	The application are commercial asbesto If the response to Q	•	□ YES □ NO		
		a. Visible emiss manufacturin	sions are discharged to outside air from th ng operation	ie	🗌 YES 🗌 NO	
			e emission control and waste treatment m hat has received prior U.S. Environmental A) approval.		□ YES □ NO	
		c. Asbestos-con forms.	ntaining waste material is processed into n	ıonfriable	🗌 YES 🗌 NO	
		d. Asbestos-con	ntaining waste material is adequately wette	ed.	YES NO	
		e. Alternative fi approval.	iltering equipment is being used that has r	received EPA	🗌 YES 🗌 NO	
			ency particulate air (HEPA) filter is being e at least 99.97% efficient for 0.3 micron		🗌 YES 🗌 NO	
			authorized the use of wet collectors design a unit contacting energy of at least 9.95 k		☐ YES ☐ NO	



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Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 24) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN1002	211069	Permit No.:		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform								
						otherwise directed. Is unless otherwise dir	rected.	
VII.						ONS PART 61 (40 C S AIR POLLUTANT		- NATIONAL
	E.	Subj	part M	[- National E	mission Standard	l for Asbestos (contin	nued)	
					Asbestos S	oray Application		
		4.	mate	rials are spray	applied.	ons in which asbestos "NO", go to Question	-	☐ YES ☐ NO
			a.	binder during	spraying and are	ed with a bituminous of not friable after dryin <i>E.4.a is "YES", go to</i>	g.	☐ YES ☐ NO
			b.			ings, structures, pipes, more than 1% asbesto		🗌 YES 🗌 NO
			c.			l and waste treatment i ior EPA approval.	method is	YES NO
			d.	Asbestos-con forms.	taining waste mat	erial is processed into	nonfriable	🗌 YES 🗌 NO
			e.	Asbestos-con	taining waste mat	erial is adequately we	tted.	YES NO
			f.	Alternative fi approval.	ltering equipment	is being used that has	received EPA	🗌 YES 🗌 NO
			g.		er is being used the 0.3 micron particle	at is certified to be at l	east 99.97%	I YES I NO
			h.			e of wet collectors des energy of at least 9.95		YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 25) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	Permit No.:	
Area Name: Galves	ston Bay Energy, LL(C - Trinity Bay F1 Platform		
		L questions unless otherwise directed. ILY these questions unless otherwise direc	eted.	
		AL REGULATIONS PART 61 (40 CFI)R HAZARDOUS AIR POLLUTANTS		- NATIONAL
E. Subr	oart M - National E	mission Standard for Asbestos (continu	ed)	
		Fabricating Commercial Asbestos		
5.	asbestos.	a includes a fabricating operation using co Question VII.E.5 is "NO", go to Question		☐ YES ☐ NO
	a. Visible emiss manufacturin	sions are discharged to outside air from the g operation.	9	🗌 YES 🗌 NO
		e emission control and waste treatment me at has received prior EPA approval.	ethod is	🗌 YES 🗌 NO
	c. Asbestos-con forms.	taining waste material is processed into no	onfriable	I YES I NO
	d. Asbestos-con	taining waste material is adequately wette	ed.	🗌 YES 🗌 NO
	e. Alternative fi approval.	Itering equipment is being used that has re	eceived EPA	🗌 YES 🗌 NO
		er is being used that is certified to be at lead 0.3 micron particles.	st 99.97%	🗌 YES 🗌 NO
		authorized the use of wet collectors desig a unit contacting energy of at least 9.95 ki		🗌 YES 🗌 NO
		Non-sprayed Asbestos Insulation		
6.		a includes insulating materials (other than naterials) that are either molded and friabl able after drying.		□ YES □ NO
		Asbestos Conversion		
7.		a includes operations that convert regulate and asbestos-containing waste material in cos-free) material.		🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 26) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	P	Permit No:	
Area Na	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
				questions unless otherwise dir LY these questions unless other		ed.	
VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)							- NATIONAL
	F.		oart P - National En Metallic Arsenic Pr	iission Standard for Inorganio oduction Facilities	c Arsenic E	missions fr	om Arsenic Trioxide
	1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.						🗌 YES 🗌 NO
	G.	·	oart BB - National H rations	mission Standard for Benzen	e Emissions	from Ben	zene Transfer
	1. The application area is located at a benzene production facility and/or bulk terminal. If the response to Question VII.G.1 is "NO", go to Section VII.H.					I YES I NO	
	vessel loading racks.			a includes benzene transfer oper s.	rations at ma	YES NO	
				a includes benzene transfer operations at railcar			🗌 YES 🗌 NO
	·	4.	The application are loading racks.	a includes benzene transfer oper	ations at tar	nk-truck	□ YES □ NO
	H.	Subp	oart FF - National E	mission Standard for Benzene	e Waste Op	erations	
				Applicability			
		1.		a includes a chemical manufactu v plant, or petroleum refinery fa			🗍 YES 🗌 NO
	and disposal (TSD) facil		a is located at a hazardous waste facility site as described in 40 (<i>Questions VII.H.1 and VII.H.2 a</i>	CFR § 61.34	0(b).	U YES NO	
 The application area is located at a site that has n wastes, products, byproducts, or intermediates. If the response to Question VII.H.3 is "YES", go 				products, or intermediates.			☐ YES ☐ NO

Date: 9/22/2011

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Date: 9/22/2011		RN No.: RN100211069	Permit No.:	
Area Name: Gal	rea Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform			
		L questions unless otherwise directe NLY these questions unless otherwise		
		RAL REGULATIONS PART 61 (4 OR HAZARDOUS AIR POLLUT		
H. Sı	continued)			
1997 1997 1997 1997 1997 1997 1997 1997		Applicability (continued)		
4.	quantity from facil	ea is located at a site having a total a lity waste less than 1 megagrams per Question VII.H.4 is "YES", go to Sec	year (Mg/yr).	🗌 YES 🗌 NO
5.	quantity from facil 10 Mg/yr.	ea is located at a site having a total a lity waste greater than or equal to 1 I Question VII.H.5 is "YES", go to Sec	Mg/yr but less than	🗌 YES 🗌 NO
6.		l annual average benzene concentration of each waste based on documentation.		🗌 YES 🗌 NO
7.	11	ea has waste streams with flow-weig tent of 10% or greater.	thed annual	🗌 YES 🗌 NO 🗌 N/A
		Waste Stream Exemptions		
8.	11	ea has waste streams that meet the ex $2(c)(2)$ (the flow-weighted annual av ss than 10 ppmw).		U YES NO
9.	in 40 CFR § 61.34	ea has waste streams that meet the ex 2(c)(3) because process wastewater s per minute or an annual wastewate	has a flow rate	🗌 YES 🗌 NO
10		ea has waste streams that meet the ex 2(c)(3) because the total annual benz o 2 Mg/yr.	~ ~	U YES NO
11	. The application are facility.	ea transfers waste off-site for treatmo	ent by another	🗌 YES 🗌 NO
12	2. The application are	ea is complying with 40 CFR § 61.34	42(d).	YES NO
13		a is complying with 40 CFR § 61.34 Question VII.H.13. is "NO", go to Q		🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 28) Federal Operating Permit Program

Date: 9/22/201	1		RN No.: RN100211069	Permit No.:			
Area Name: G	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
			L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.	,		
			AL REGULATIONS PART 61 (40 CF OR HAZARDOUS AIR POLLUTANT		-NATIONAL		
H.	H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)						
			Waste Stream Exemptions (continued)				
	14.		a has facility waste with a flow weighted ent of less than 10%.	annual	🗌 YES 🗌 NO		
			Container Requirements				
	15.	receive non-exempt	a has containers, as defined in 40 CFR § benzene waste. Suestion VII.H.15 is "NO", go to Question		🗌 YES 🗌 NO		
	16.	40 CFR § 61.345 re	a is an alternate means of compliance to equirements for containers. <i>Tuestion VII.H.16 is "YES", go to Question</i>		🗌 YES 🗌 NO		
	17.		vent systems used for containers operate ned at a pressure less than atmospheric p		🗌 YES 🗌 NO		
	5 m 841,0 m		Individual Drain Systems				
	18.	§ 61.341, that receiv	a has individual drain systems, as defined we or manage non-exempt benzene waste muestion VII.H.18 is "NO", go to Questio	.	🗌 YES 🗌 NO		
	19.	the 40 CFR § 61.34	a is using an alternate means of complian 6 requirements for individual drain system truestion VII.H.19 is "YES", go to Question	ems.	🗌 YES 🗌 NO		
	20.	CFR § 61.346(a).	a has individual drain systems complying uestion VII.H.20 is "NO", go to Questio		🗌 YES 🗌 NO		
:	21.		vent systems used for individual drain sy lual drain system is maintained at a press re.		🗌 YES 🗌 NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 29) Federal Operating Permit Program

Date: 9/22	ate: 9/22/2011 RN No.: RN100211069 Permit No.:				
Area Nam	e: Galves	ston Bay Energy, LLC	C - Trinity Bay F1 Platform		
			L questions unless otherwise directed. LY these questions unless otherwise dire	cted.	
			AL REGULATIONS PART 61 (40 CF OR HAZARDOUS AIR POLLUTANT		NATIONAL
Н	. Subj	part FF - National E	mission Standard for Benzene Waste (Operations (c	ontinued)
			Individual Drain Systems (continued)		
	22.	40 CFR § 61.346(b	a has individual drain systems complying). Suestion VII.H.22 is "NO", go to Questio	-	🗌 YES 🗌 NO
	23.	system to prevent the	ne individual drain systems are equipped the flow of organic vapors from the junction ere during normal operation.		🗌 YES 🗌 NO
24. Junction box vent pipes in the individual drain systems are connected to a Second YES closed-vent system and control device.					
	<u>interna</u> de la d		Remediation Activities		
	25.	Remediation activit NESHAP FF.	ies take place at the application area subj	ject to	🗌 YES 🗌 NO
			AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANTS		
A	App	licability			
•	1.	40 CFR Part 63 sub reference under sub	a includes a unit(s) that is subject to one parts other than subparts made applicable parts in 40 CFR Part 60, 61 or 63. 40 CFR Part 63 subparts made applicable	e by	¥ YES ∏ NO
B		oart F - National En anic Chemical Man	nission Standards for Organic Hazardo Ifacturing Industry	ous Air Pollut	ants from the Synthetic
	1.		a is located at a site that includes process imary product one or more of the chemic)(1)(i) or (b)(1)(ii).		🗌 YES 🗌 NO
	2.		a is located at a plant site that is a major s ral Clean Air Act § 112(a).	source as	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 30) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	069 Permit No.:			
Area Name:	Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
			L questions unless otherwis ILY these questions unless		cted.	
EMI			AL REGULATIONS PA OR HAZARDOUS AIR P			
B.			nission Standards for Org ufacturing Industry <i>(con</i>		ous Air Pollut	ants from the Synthetic
	m pi <i>If</i>	anufacturing proc coduct, or co-prod ollutants listed in t	a is located at a site that in tess units that use as a reac- uct, one or more of the org table 2 of 40 CFR Part 63, <i>puestion VIII.B.1, .B.2, or</i> .	tant or manufac ganic hazardous Subpart F.	cture as a s air	🗌 YES 🗌 NO
	u: of	se as a reactant or	a includes chemical manuf manufacture as a product, rdous air pollutants listed i	or co-product,	one or more	U YES INO
С.	Organi		nission Standards for Or 1facturing Industry for P vater	••••••••••••••••••••••••••••••••••••••		
			Applicabilit	Y	n de la composition de la composition de la composition de de la composition de	
	Si ve m	ubpart F and the a essels, transfer rac anufacturing proc	a is located at a site that is pplication area includes pr ks, or waste streams assoc ess subject to 40 CFR 63, puestion VIII.C.1 is "NO",	ocess vents, sto iated with a cho Subpart F.	orage emical	🗌 YES 🗌 NO
			a includes fixed roofs, cov ply with 40 CFR § 63.148	-	losures that	🗍 YES 🗌 NO
	3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO", go to Question VIII.C.8.</i>					U YES INO
			a includes vapor collection istructed of hard-piping.	systems or clo	osed-vent	🗌 YES 🗌 NO
	sy fr	stems that contain om a control device	a includes vapor collection by-pass lines that could c ce and to the atmosphere. <i>Puestion VIII.C.5 is "NO"</i> ,	livert a vent str	eam away	U YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 31) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Per	ermit No.:		
Area Name:							
			L questions unless otherwise ILY these questions unless o		1.		
EMI		N STANDARDS FC	AL REGULATIONS PAI OR HAZARDOUS AIR PO				
. C.	C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthe Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)						
		Va	apor Collection and Close	l Vent Systems			
	6.		installed, calibrated, maintants s lines in the application are		ed at the	🗌 YES 🗌 NO	
	7.		application area are secure lock-and-key type configur		sition	🗌 YES 🗌 NO	
			Transfer Rack	S			
	8.	The application are HAPs.	a includes Group 1 transfer	racks that load or	ganic	🗌 YES 🗌 NO	
			Process Wastewater	Streams			
	9.		a includes process wastewa Suestion VIII.C.9 is "NO", g		<i>U.C.31</i> .	🗌 YES 🗌 NO	
	10.	subject to the provis	a includes process wastewa sions of 40 CFR Part 61, Su puestion VIII.C. 10 is "NO",	ıbpart FF.		🗌 YES 🗌 NO	
	11.		a includes process wastewa CFR §§ 63.110(e)(1)(i) and		e	YES NO	
	12.	subject to the provis	a includes process wastewa sions of 40 CFR Part 61, Su Question VIII.C. 12 is "NO",	ıbpart F.		🗌 YES 🗌 NO	
	13.		a includes process wastewa specified in 40 CFR § 63.11		ng the	🗌 YES 🗌 NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 32) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit 1	Ňo.:
Area Name:					
			LL questions unless other ONLY these questions unle		
EM		N STANDARDS FC	AL REGULATIONS PA OR HAZARDOUS AIR P		
С.	Org		ufacturing Industry for P		ollutants from the Synthetic Vessels, Transfer
			Process Wastewater	Streams	
	14.	subject to the provis	a includes process wastew sions of 40 CFR Parts 260 Juestion VIII.C.14 is "NO"	through 272.	
	15.	The application are 40 CFR § 63.110(e)	with YES NO		
·	16.	The application are 40 CFR § 63.110(e)	includes process wastewa)(2)(ii).	ter streams complying w	rith YES INO
	17.	existing sources, the	a includes process wastew at are designated as Group 0 CFR § 63.110; or are det a.	1; are required to be tre	
	18.	The application are existing sources that	a includes process wastew t are Group 2.	ater streams, located at	I YES I NO
	19.	sources, that are des	a includes process wastew signated as Group 1; requi 110; or are determined to	red to be treated as Grou	ıp 1
	20.		a includes process wastew oup 2 for both Table 8 and		new YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 33) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069		Permit No.:	
Area Name:	Galve	ston Bay Energy, LL(C - Trinity Bay F1 Platform			
			L questions unless otherwise of LY these questions unless of the section of the		cted.	
EMI	LE 40 SSIO tinued	N STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POI	F 63 (40 CF LUTANTS	R PART 63) FOR SOUI	- NATIONAL RCE CATEGORIES
C. Subpart G - National Emission Standards for Organic Hazardous Air Poll Organic Chemical Manufacturing Industry for Process Vents, Storage Ves Operations, and Wastewater (continued)						
		· · · · · · · · · · · · · · · · · · ·	Process Wastewater St	reams		
	21.	total source mass fl	vater streams at the site are do ow rate of less than 1 MG/yr. <i>Question VIII.C.21. is "YES",</i>			🗌 YES 🗌 NO
	streams demonstra 1 MG/yr.		ed and/or partially treated Group 1 wastewater ed to have a total source mass flow rate of less than <i>Question VIII.C.22. is "NO", go to Question</i>		f less than	U YES INO
	23.		a includes waste management treated Group 1 wastewater st			🗌 YES 🗌 NO
wastewater streams is not owned or ope			r streams or residual removed are transferred to an on-site t rated by the owner or operato e stream or residual.	treatment op	eration that	U YES NO
	25.	wastewater streams	r streams or residual removed are transferred to an off-site <i>Question VIII.C.24 - VIII.C.25</i>	treatment op	eration.	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 34) Federal Operating Permit Program

Date: 9/22/2011	RN No.: RN100211069		Permit No.:		
Area Name: Galveston Bay Ener	gy, LLC - Trinity Bay F1 Platform	1			
	ver ALL questions unless otherwi wer ONLY these questions unless		ted.		
	EDERAL REGULATIONS PA DS FOR HAZARDOUS AIR I				
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>					
	Process Wastewater Stre	ams <i>(continued)</i>			
manage a Group 1 was	tion area includes waste managen roup 1 wastewater stream or a res stewater stream prior to shipment ase to Question VIII.C.24 - VIII.C II.C.27.	sidual removed f or transport.	rom a] YES] NO	
1	ion area includes containers that stewater stream or a residual remostream.			_ YES 🗌 NO	
		rains			
manage a Gr Group 1 was	tion area includes individual drain roup 1 wastewater stream or a res stewater stream. <i>use to Question VIII.C.28 is "NO</i>	sidual removed f	rom a] YES [] NO	
complying v	ion area includes individual drain with 40 CFR § 63.136 through the ed vent systems and control device	e use of cover an] YES] NO	
30. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.					
trenches, or that meets th	ion area includes drains, drain huppes that are part of a chemical ne criteria of 40 CFR § 63.100(b) use to Question VIII.C.31 is "NO	manufacturing p	rocess unit	☐ YES [] NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 35) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit N	Permit No.:	
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
			L questions unless otherwise d ILY these questions unless oth			
VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)						
C.	C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthet Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)					
			Drains (continued)			
	32.	trenches or pipes (the unit) that meet the c	a includes drains, drain hubs, n hat are part of a chemical man priteria listed in 40 CFR § 63.1 <i>Question VIII.C.32 is "NO", go</i>	ufacturing process 49(d).		
	33.	trenches, or pipes the concentration great	a includes drains, drain hubs, r nat convey water with a total a er than or equal to 10,000 part d in 40 CFR Part 63 Subpart G	nnual average s per million by weig	ht	
	34.	trenches or pipes th concentration great of compounds listed	a includes drains, drain hubs, r at convey water with a total ar er than or equal to 1,000 parts 1 in 40 CFR Part 63 Subpart G reater than or equal to 10 liters	nual average per million by weigh , Table 9, at an annua	t	
	35.	trenches or pipes the that is subject to the or $(1)(2)$; and the equipment of concentration greater compounds listed in	a includes drains, drain hubs, r at are part of a chemical manu e new source requirements of 4 uipment conveys water with a er than or equal to 10 parts per 1 40 CFR Part 63 Subpart G, T eater than or equal to 0.02 liter	facturing process uni 0 CFR § 63.100(1)(1 total annual average million by weight of able 8, at an average	t	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 36) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.:			
Area Name: (Galves	ston Bay Energy, LL(C - Trinity Bay F1 Platform		an da da da serie da		
			L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.			
VIII. TITI EMIS (conti	SSIO	N STANDARDS FČ	AL REGULATIONS PART 63 (40 CH OR HAZARDOUS AIR POLLUTANT	TR PART 63) S FOR SOU	- NATIONAL RCE CATEGORIES		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synt Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)							
1,400 E 1 1,400 E 1			Gas Streams				
	36.	The application are 40 CFR § 63.107(b transferred to a con	U YES INO				
	37.	The applicant is una one or more reason	YES NO				
D.	Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks						
	1.	anodizing tanks loc	a includes chromium electroplating or ch ated at hard chromium electroplating, de ating, and/or chromium anodizing opera	corative	🗌 YES 🗌 NO		
E.	Subp	oart O - Ethylene O	xide Emissions Standards for Steriliza	tion Facilitie			
	1.	oxide is used in the	a includes sterilization facilities where en- sterilization or fumigation of materials. Suestion VIII.E.1 is "NO", go to Section	-	U YES INO		
	2.	CFR Part 63, Subpa	es located in the application area are sub art O. Question VIII.E.2 is "NO", go to Section	-	U YES INO		
	3.		urce has used less than 1 ton (907 kg) of associative 12-month periods after December		🗌 YES 🗌 NO		
	4.		urce has used less than 10 tons (9070 kg) secutive 12-month periods after Decemb		YES NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 37) Federal Operating Permit Program

Date: 9/22/2011			RN No. RN100211069	Permit No.:	
Area Name:	Galve	ston Bay Energy, LLC	C - Trinity Bay F1 Platform		
			L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.	
EM		N STANDARDS FC	AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANT		
F.	Sub	part Q - National Er	nission Standards for Industrial Proce	ss Cooling T	owers
	1.	The application area includes industrial process cooling towers. If the response to Question VIII.F.1 is "NO", go to Section VIII.G.			YES NO
	2.	Chromium-based w September 8, 1994.	YES NO		
Ģ		part R - National En minals and Pipeline	es (Bulk Gasoline		
	1.	The application are	a includes a bulk gasoline terminal.		🗌 YES 🗌 NO
	2.		a includes a pipeline breakout station. Questions VIII.G.1 and VIII.G.2 are both	: "NO", go	☐ YES ☐ NO
	3.	a contiguous area an terminal or a pipelin	erminal or pipeline breakout station is loon and under common control with another b the breakout station. Pruestion VIII.G.3 is "YES", go to Question	ulk gasoline	☐ YES ☐ NO
	4.	a contiguous area and bulk gasoline termine the potential to emine	erminal or pipeline breakout station is loon and under common control with sources, of mals or pipeline breakout stations that em t HAPs. Substitution VIII.G.4 is "YES", go to Question	other than it or have	☐ YES ☐ NO
	5.	terminal emissions emissions screening	is less than 5% of the value of the bulk screening factor (ET) or the pipeline brea g factor (Ep). <i>Juestion VIII.G.5 is "NO", go to Question</i>	akout station	U YES INO
	6.		g factor less than 0.5 (ET or EP < 0.5). Suestion VIII.G.6 is "YES", go to Section	VIII.H.	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 38) Federal Operating Permit Program

Date:	9/22/20	22/2011 RN No.: RN100211069 Permit No.:					
Area N	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
				L questions unless otherwise directly these questions unless otherw		cted.	
VIII.	 VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORI (continued) G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued) 						
							s (Bulk Gasoline
	 7. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). If the response to Question VIII.G.7 is "YES", go to Section VIII.H 8. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). If the response to Question VIII.G.8 is "YES", go to Question VIII.G.10. 				YES NO N/A		
						YES NO N/A	
	9. The site at which the application area is located is a major source of HAP. If the response to Question VIII.G.9 is "NO", go to Section VIII.H			☐ YES ☐ NO			
		10.	The application area described in 40 CFI	a is using an alternative leak monitoring program as R § 63.424(f).			🗌 YES 🗌 NO
	H.	Subj Indu	n the Pulp and Paper				
		1.	paperboard and are as defined in 40 CF	a includes processes that produce located at a plant site that is a ma R § 63.2. <i>ruestion VIII.H.1 is "NO", go to S</i>	ajor sour	ce of HAPs	☐ YES ☐ NO
		2.	§ 63.440(a)(1) - (3)	a uses processes and materials spon 			U YES INO
	63, Subpart S that are ex		63, Subpart S that a	a includes one or more sources surces surces surces. ne existing sources. nuestion VIII.H.3 is "NO", go to S	•		U YES INO
		4.	The application area existing sources.	a includes one or more kraft pulp	ing syste	ems that are	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 39) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	Permit No.:		
Area N	lame:	Galve	ston Bay Energy, LLC	C - Trinity Bay F1 Platform	• • • • • • • • •		
<i>F</i> ♦ <i>F</i>	or SO or GC	P app)P app	lications, answer ALI lications, answer ON	L questions unless otherwise direct /LY these questions unless otherwi	ed. se directed.		
VIII.	EMI		N STANDARDS FO	AL REGULATIONS PART 63 (DR HAZARDOUS AIR POLLUT			
	H.	m the Pulp and Paper					
	5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.				🗌 YES 🗌 NO		
	6. The application area includes bleaching systems that are existing so and are complying with the Voluntary Advanced Technology Incent Program for Effluent Limitation Guidelines in 40 CFR § 430.24. If the response to Question VIII.H.6 is "NO", go to Section VIII.I.		nology Incentives R § 430.24.	☐ YES ☐ NO			
		7.	The application are 40 CFR § 63.440(d	a includes bleaching systems that a)(3)(i).	systems that are complying with YES		
		8.	The application are 40 CFR § 63.440(d	ea includes bleaching systems that are complying with l)(3)(ii).		🗌 YES 🗌 NO	
I.	Subj	part T	- National Emission	Standards for Halogenated Solv	vent Cleaning		
		1.	line cold, and/or bat hazardous air pollut halogenated HAP s	a includes an individual batch vapo tch cold solvent cleaning machine tant (HAP) solvent, or any combine olvents, in a total concentration great ag and/or drying agent.	that uses a ation of	☐ YES ☐ NO	
	2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.		🗌 YES 🗌 NO				
		3.	cleaning machines,	a is located at an area source and in other than cold batch cleaning mad trichloroethylene or methylene chle	chines, that use	□ YES □ NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 40) Federal Operating Permit Program

Date: 9/22/201	9/22/2011 RN No.:RN100211069 Permit No.:					
Area Name: G	Balveston	Bay Energy, LLC	- Trinity Bay F1 Platform		<u> </u>	·
			questions unless otherwise direc LY these questions unless otherw		ted.	
EMIS			AL REGULATIONS PART 63 OR HAZARDOUS AIR POLLU			
		U - National En 's and Resins	nission Standards for Hazardou	ıs Air Po	llutant Emi	ssions: Group 1
	wa ela	stewater streams	a includes elastomer product proc and wastewater operations that an process units. <i>The state of the second second</i>	re associa	ated with	U YES INO
	wa 40	stewater operation CFR Part 63, Su	process units and/or wastewater stons located in the application area bpart U. <i>uestion VIII.J.2 is "NO", go to Se</i>	are subje	ect to	U YES INO
	de		a includes process wastewater strep 1 or are determined to be Group R § 63.482.			U YES NO
			a includes process wastewater stre HAPs as defined in 40 CFR § 63		are	YES NO
	tot	al source mass flo	vater streams at the site are demon owrate of less than 1 MG/yr. <i>uestion VIII.J.5. is "YES", go to</i>			YES NO
	str 1 I	eams demonstrate MG/yr.	ed and/or partially treated Group ed to have a total source mass flow uestion VIII.J.6. is "NO", go to Q	wrate of l	ess than	U YES NO
	ma		a includes waste management unit reated Group 1 wastewater stream			🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 41) Federal Operating Permit Program

Date: 9/22/2011	9/22/2011 RN No.: RN100211069 Permit No.:				
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
	LL questions unless otherwise direc DNLY these questions unless otherw				
	RAL REGULATIONS PART 63 FOR HAZARDOUS AIR POLLU				
J. Subpart U - National I Polymers and Resins (Emission Standards for Hazardov (continued)	us Air Pollutant En	nissions: Group 1		
wastewater stream is not owned or o	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.				
wastewater stream	ter streams or residual removed frons are transferred to an off-site trea Question VIII.J.8 - VIII.J.9 are box 1.	tment operation.	☐ YES ☐ NO		
manage a Group	rea includes waste management un 1 wastewater stream or a residual re ter stream prior to shipment or tran	emoved from a	□ YES □ NO		
	Containers				
	rea includes containers that receive ter stream or a residual removed fron.		YES NO		
	Drains				
manage a Group Group 1 wastewa	rea includes individual drain system 1 wastewater stream or a residual re- ter stream. Question VIII.J. 12. is "NO", go to	emoved from a	U YES INO		
complying with 4	rea includes individual drain system 0 CFR § 63.136 through the use of nt systems and control devices.		U YES NO		
	rea includes individual drain system 0 CFR § 63.136 through the use of s or plugs.		I YES I NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 42) Federal Operating Permit Program

Date: 9/22/2011	RN No.: RN100211069	Permit No.:						
Area Name: Galveston Bay Energy, Ll	_C - Trinity Bay F1 Platform							
	LL questions unless otherwise directed. DNLY these questions unless otherwise dir	ected.						
	RAL REGULATIONS PART 63 (40 C FOR HAZARDOUS AIR POLLUTANT							
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins <i>(continued)</i>								
	Drains (continued)							
trenches, or pipes	rea includes drains, drain hubs, manholes, that are part of an elastomer product proc Question VIII.J.15 is "NO", go to Section	ess unit.						
trenches or pipes § 63.501(a)(12).	rea includes drains, drain hubs, manholes, that meet the criteria listed in 40 CFR § 6 Question VIII.J. 16 is "NO", go to Section	3.149(d) and						
trenches, or pipes concentration grea	rea includes drains, drain hubs, manholes, that convey water with a total annual ave ater than or equal to 10,000 parts per milli beting the definition of organic HAP in 40 low rate.	rage on by weight						
trenches or pipes concentration gree of compounds me	rea includes drains, drain hubs, manholes, that convey water with a total annual aver ater than or equal to 1,000 parts per millio teting the definition of organic HAP in 40 nual average flow rate greater than or equ	age n by weight CFR						
trenches or pipes is a new affected equipment convey greater than or eq meeting the defini	rea includes drains, drain hubs, manholes, that are part of an elastomer product proce source or part of a new affected source an vs water with a total annual average conce ual to 10 parts per million by weight of co ition of organic HAP in 40 CFR § 63.482, ow rate greater than or equal to 0.02 liter p	ess unit that d the ntration mpounds at an						



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 43) Federal Operating Permit Program

Date: S	9/22/20	011	RN No.: RN100211069	Permit No.:					
Area N	Vame:	Galveston Bay Energy, LL	C - Trinity Bay F1 Platform	• • • • • • •	· · · · · ·				
			L questions unless otherwise direc NLY these questions unless otherw						
VIII.	EMI	LE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL ISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>tinued</i>)							
	K.	Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production							
		1. The manufacture of of wet strength resi If the response to Q VIII.L.	☐ YES ☐ NO ☐ N/A						
		2. The application are development facilit	🗌 YES 🗌 NO						
	L.	Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting							
	_	CFR § 63.541(a) th	a includes one or more of the affe hat are located at a secondary lead Question VIII.L.1 is "NO" or "N/A	smelter.	☐ YES ☐ NO ☐ N/A				
			a is using and approved alternate 5) for control of fugitive dust emis	YES NO					
	M.	Subpart Y - National E	ank Vessel Loading	Operations					
			a includes marine tank vessel load CFR § 63.560 and located at an af § 63.561.		☐ YES ☐ NO				
	N.	Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries							
			Applicability						
		related emission po 40 CFR § 63.640(c	a includes petroleum refining proc ints that are specified in)(1) - (c)(7). Question VIII.N.1 is "NO", go to S		☐ YES ☐ NO				



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 44) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	Permit No.	Permit No.:		
Area Name: Galv	eston Bay Energy, LL	C - Trinity Bay F1 Platform				
		L questions unless otherwise dir NLY these questions unless other				
	ON STANDARDS FO	AL REGULATIONS PART 6 OR HAZARDOUS AIR POLL				
	bpart CC - National 1 fineries	Emission Standards for Hazar	dous Air Pollutants	from Petroleum		
		Applicability				
2.	within the application 40 CFR § 63.640(g	ing process units/and or related ion area are specified in g)(1) - (g)(7). Question VIII.N.2 is "YES", go to	-	U YES INO		
3.	defined in the Fede	a is located at a plant site that is ral Clean Air Act § 112(a). <i>Question VIII.N.3 is "NO", go to</i>	U	☐ YES ☐ NO		
4.	equipment containi table 1 of 40 CFR I	a is located at a plant site which ing/contacting one or more of the Part 63, Subpart CC. Question VIII.N.4 is "NO", go to	e HAPs listed in	☐ YES ☐ NO		
5.	conveyed, stored, or that also receives st	a includes Group 1 wastewater s or treated in a wastewater stream treams subject to the provisions of Subpart G wastewater provis	management unit of 40 CFR	☐ YES ☐ NO		
6.	conveyed, stored, o that also receives st	a includes Group 2 wastewater s or treated in a wastewater stream treams subject to the provisions of Subpart G wastewater provis	management unit of 40 CFR	U YES INO		
7.	that are conveyed, s management unit th 40 CFR §§ 63.133 section.	a includes Group 1 or Group 2 v stored, or treated in a wastewate hat also receives streams subject - 63.147 of Subpart G wastewate Question VIII.N.7 is "NO", go to	r stream to the provisions of er provisions	U YES INO		
8.		a includes Group 1 or Group 2 with 40 CFR § 63.640(0)(2)(i).	vastewater streams	YES NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 45) Federal Operating Permit Program

Date:	9/22/20	011		RN No.: RN100211069	Permit No.:		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform							
				L questions unless otherwise directed. ILY these questions unless otherwise dire	cted.		
	EMI		N STANDARDS FO	AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANTS			
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants Refineries (continued)						from Petroleum	
	9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(0)(2)(ii). If the response to Question VIII.N.9 is "NO", go to Section VIII.O				☐ YES ☐ NO		
		10.	streams whose benz use of one or more	a includes Group 2 wastewater streams of zene emissions are subject to control thro treatment processes or waste management s of 40 CFR Part 61, Subpart FF on or aff 2.	ough the t units	U YES NO	
			Cor	itainers, Drains, and other Appurtenar	nces		
		11.		a includes containers that are subject to the CFR § 63.135 as a result of complying w		🗌 YES 🗌 NO	
		12.		a includes individual drain systems that a of 40 CFR § 63.136 as a result of comply)(2)(ii).		U YES NO	
	0.	Subp	oart DD - National I	Emission Standards for Off-site Waste	and Recove	ery Operations	
		1.	meets the criteria for \S 63.680(b)(1).	a is located at a plant site receiving mater or off-site material as specified in 40 CFR Duestion VIII.O.1 is "NO" or "N/A", go to	2	☐ YES ☐ NO ☐ N/A	
		2.	Materials specified application area.	in 40 CFR § 63.680(b)(2) are received at	the	🗌 YES 🗌 NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 46) Federal Operating Permit Program

Date: 9	te: 9/22/2011 RN No.: RN100211069 Permit No.:			:		
Area N	Name: (Galves	ton Bay Energy, LLC	- Trinity Bay F1 Platform		· · · · · · · · · · · · · · · · · · ·
				L questions unless otherwise directed. LY these questions unless otherwise direc	cted.	
VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PAR EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR (continued)						
	0.	Subp	oart DD - National I	Emission Standards for Off-site Waste	and Recove	ry Operations
	3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.				🗌 YES 🗌 NO	
		4.		a has a waste management operation treat s an off-site material and is exempted unc 65.1(c)(10).		🗌 YES 🗌 NO
	5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."			🗌 YES 🗌 NO		
		6.	The predominant ac wastewater received	ctivity in the application area is the treatm 1 from off-site.	ent of	🗌 YES 🗌 NO
		7.	reprocesses hazardo	a has a recovery operation that recycles o ous waste which is an off-site material and CFR §§ 264.1(g)(2) or 265.1(c)(6).		□ YES □ NO
		8.	reprocesses used so a chemical, petroleu	a has a recovery operation that recycles of lvent which is an off-site material and is a um, or other manufacturing process that is controls by another subpart of 40 CFR Pa	not part of s required	U YES NO
		9.	reprocesses used oil	a has a recovery operation that re-refines which is an off-site material and is regulupart F (Standards for Used Oil Process	ated under	🗌 YES 🗌 NO
		10.	of HAPs in the off-	a is located at a site where the total annua site material is less than 1 megagram per suestion VIII.O.10 is "YES", go to Section	year.	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 47) Federal Operating Permit Program

Date: 9/22/201	e: 9/22/2011 RN No.: RN100211069 Permit No.:).:
Area Name: Ga	alveston Bay Energy, LL	C - Trinity Bay F1 Platform		
		L questions unless otherwise dir NLY these questions unless other		
	SION STANDARDS FO	AL REGULATIONS PART 6 OR HAZARDOUS AIR POLL		
0. 8	Subpart DD - National 1	Emission Standards for Off-sit	e Waste and Recov	ery Operations
1	T YES NO			
1	2. VOHAP concentra	tion is determined by direct mea	surement.	U YES NO
1	3. VOHAP concentra	tion is based on knowledge of th	e offsite material.	🗌 YES 🗌 NO
1	compressor, and ag system, open-ended system.	ta includes an equipment compo- sitator, pressure relief device, san d valve or line, valve, connector Question VIII.O.14 is "NO", go t	npling connection or instrumentation	☐ YES ☐ NO
1		ponent in the application area co th a HAP concentration greater t		U YES INO
1		ponent in the application area is during a 12-month period.	intended to operate	🗌 YES 🗌 NO
1	7. The application are site material.	a includes containers that manag	ge non-exempt off-	YES NO
1	8. The application are non-exempt off-site	a includes individual drain syste e materials.	ms that manage	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 48) Federal Operating Permit Program

Date: 9/22/2011 RN No.: RN100211069 Pe			Permit No.:							
Area Name	: Galve	eston Bay Energy, LL	C - Trinity Bay F1 Platform							
			L questions unless otherwise VLY these questions unless o		· · · · · · · · · · · · · · · · · · ·					
EM		ON STANDARDS FO	AL REGULATIONS PAR OR HAZARDOUS AIR PC							
Р.	Sub	Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities								
	1.	commercial, civil,	a includes facilities that man or military aerospace vehicle Question VIII.P.1 is "NO" of	es or components.		S 🗌 NO 🗌 N/A				
	2.		a includes one or more of th R § 63.741(c)(1) - (7).	e affected sources	YE	S 🗌 NO				
Q.		part HH - National Production Facilitie	Emission Standards for Ha	azardous Air Pol	lutants From	Oil and Natural				
•	1.	National Emission and Natural Gas Pr	a is subject to 40 CFR Part Standards for Hazardous Ai oduction Facilities. ons, go to Section VIII.Y			S 🗌 NO				
R.	Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)									
	1.		a includes shipbuilding or si Question VIII.R.1 is "NO", g			S 🗌 NO				
	2.	. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.				S 🗌 NO				
S.	Sub	part JJ - National E	mission Standards for Wo	od Furniture Ma	nufacturing (Operations				
	1.	operations and/or wooperations.	a includes wood furniture m yood furniture component m Question VIII.S.1 is "NO" or	anufacturing	□ YE	S 🗌 NO 🗍 N/A				
	2.		a meets the definition of an efined in 40 CFR § 63.801.	"incidental wood	☐ YE	S 🗌 NO				
Γ.	Sub	part KK - National 1	Emission Standards for th	e Printing and Pu	ıblishing Indı	stry				
	1.		a includes publication rotog ure, or wide-web flexograph		nd 🗌 YE s.	S 🗌 NO 🗌 N/A				



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 49) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069 Permit No		lo.:					
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform									
	-	, questions unless otherwise directed. LY these questions unless otherwise d							
	ON STANDARDS FC	AL REGULATIONS PART 63 (40 OR HAZARDOUS AIR POLLUTA							
U. Subpart PP - National Emission Standards for Containers									
 The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. If the response to Question VIII. U.1 is "NO", go to Section VIII. V. 									
2.	2. The application area includes containers using Container Level 1 controls.								
3.	3. The application area includes containers using Container Level 2 controls.								
. 4.	The application are controls.	a includes containers using Container	Level 3	YES NO					
V. Sul	bpart RR - National I	Emission Standards for Individual I	Drain Systems						
1.	another 40 CFR Par	a includes individual drain systems for t 60, 61, or 63 subpart references the rt RR for the control of air emissions.	use of 40	☐ YES ☐ NO					
		Emission Standards for Hazardous A evable Control Technology Standar		for Source Categories -					
1.	an acrylic and moda	a includes an acetal resins production acrylic fiber production process unit c 103(b)(3)(i); or an existing polycarbo	omplying	☐ YES ☐ NO					
2.	from an acetal resin modacrylic fiber pro § 63.1103(b)(3)(i);	a includes process wastewater streams s production process unit; an acrylic a oduction process unit complying with or an existing polycarbonate production uestions VIII.W.1. and VIII.W.2. are b W.20	and 40 CFR on process.	☐ YES ☐ NO					



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 50) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	Permit No	o.:
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform				
		L questions unless otherwise directed. ILY these questions unless otherwise dir	rected.	
VIII. TITLE 40 EMISSIO (continued	N STANDARDS FO	AL REGULATIONS PART 63 (40 C OR HAZARDOUS AIR POLLUTAN	FR PART (FS FOR SO	3) - NATIONAL URCE CATEGORIES
W. Sub Gen	part YY - National 1 eric Maximum Achi	Emission Standards for Hazardous Ai evable Control Technology Standard	ir Pollutant: s	s for Source Categories -
3.		a includes process wastewater streams t p 1 or are determined to be Group 1 und CFR § 63.132(c).		TYES NO
4.		a includes process wastewater streams t roup 2 under the requirements of 40 CF		🗌 YES 🗌 NO
5.	5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.			
6.	streams demonstrat 1 MG/yr.	ed and/or partially treated Group 1 was ed to have a total source mass flowrate <i>fuestion VIII.W.6. is "NO", go to Quest</i>	of less than	☐ YES ☐ NO
7.		a includes waste management units that reated Group 1 wastewater stream prior		□ YES □ NO
8.	wastewater streams that is not owned or	r streams or residual removed from Gro are transferred to an on-site treatment of operated by the owner or operator of the e stream or residual.	operation	☐ YES ☐ NO
9.	wastewater streams	r streams or residual removed from Gro are transferred to an off-site treatment of the stion VIII. W.8. and W.9. are both "N	operation.	☐ YES ☐ NO
10.	manage a Group 1	a includes waste management units that wastewater stream or a residual removed stream prior to shipment or transport.		U YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 51) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No).:			
Area N								
			L questions unless otherwise NLY these questions unless o					
VIII.		ON STANDARDS F	RAL REGULATIONS PAR OR HAZARDOUS AIR PO					
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categori Generic Maximum Achievable Control Technology Standards								
	11.		ea includes containers that re- ater stream or a residual remo		U YES NO			
	12.	manage, or treat a from a Group 1 wa	ea includes individual drain s Group 1 wastewater stream of Instewater stream. Question VIII.W.12. is "NO",	r a residual removed	U YES INO			
	13.	complying with 40	ea includes individual drain s CFR § 63.136 through the u t systems and control devices	se of covers and, if	☐ YES ☐ NO			
	14.		ea includes individual drain s CFR § 63.136 through the u or plugs.		☐ YES ☐ NO			
	15.	stations, trenches, process unit; an ac complying with 40 polycarbonate proc	ea includes drains, drain hubs or pipes that are part of an ac rylic and modacrylic fiber pro- CFR § 63.1103(b)(3)(i); or a fuction process unit. Question VIII.W.15. is "NO",	etal resins production oduction process unit an existing	☐ YES ☐ NO			
	16.	stations, trenches c § 63.1106(c)(1) - (ea includes drains, drain hubs or pipes that meet the criteria 3). Question VIII. W. 16. is "NO",	listed in 40 CFR	YES NO			
	17.	stations, trenches of average concentrat by weight of comp	ea includes drains, drain hubs or pipes that convey water wit ion greater than or equal to 1 ounds meeting the definition Part 60, Subpart G, at any flo	th a total annual 0,000 parts per million of organic HAP in	U YES INO			



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 52) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	Permit No).:	
Area Name: Galve	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform				
		L questions unless otherwise directed. NLY these questions unless otherwise di	rected.	······	
	N STANDARDS FO	AL REGULATIONS PART 63 (40 C OR HAZARDOUS AIR POLLUTAN			
		Emission Standards for Hazardous A ievable Control Technology Standard		s for Source Categories -	
18.	stations, trenches of average concentrati by weight of compo Table 9 to 40 CFR	a includes drains, drain hubs, manholes r pipes that convey water with a total ar ion greater than or equal to 1,000 parts bunds meeting the definition of organic Part 60, Subpart G, at an annual averag al to 10 liters per minute.	nnual per million HAP in	☐ YES ☐ NO	
19.	stations, trenches or and modacrylic fibe affected source or i water with a total a to 10 ppmw of com Table 9 to 40 CFR	a includes drains, drain hubs, manholes r pipes that are part of an acetyl resins of er production process unit that is part of s a new affected source and the equipm nnual average concentration greater that pounds meeting the definition of organ Part 60, Subpart G, at an average annual al to 0.02 liter per minute.	or acrylic f a new nent conveys n or equal nic HAP in	U YES INO	
20.	The application are	a includes an ethylene production proc	ess unit.	U YES NO N/A	
21.	ethylene production	puestions VIII.W.20. and VIII.W.21. are		☐ YES ☐ NO ☐N/A	
22.	40 CFR § 63.1103() contains at least one of the chemicals e), Table 7(g)(1). Puestion VIII.W.22. is "NO," go to Que		☐ YES ☐ NO	
23.		e transferred off-site for treatment. Question VIII.W.23. is "NO," go to Que	stion	U YES INO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 53) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	No.: RN100211069 Permit No.		
Area N	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
				L questions unless otherwise a ILY these questions unless oth		
VIII.	EMI		N STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POI		
	W.			Emission Standards for Haz ievable Control Technology		for Source Categories -
		24.	waste stream(s) pri	a has waste management units or to transfer off-site for treats Juestion VIII.W.24. is "YES,"	nent.	☐ YES ☐ NO
		25.		nzene quantity from waste at according to 40 CFR § 61.3		🗌 YES 🗌 NO
		26.	continuous butadien § 63.1082(b).	a contains at least one wastes ne waste stream as defined in Question VIII.W.26. is "NO,"	40 CFR	☐ YES ☐ NO
		27.	rate of 0.02 liters pe) contains at least 10 ppmw 1, er minute or is designated for <i>Juestion VIII.W.27. is "NO,"</i>	control.	☐ YES ☐ NO
		28.	wastewater as speci control of the waste	ments of 40 CFR Part 63, Sub ified in 40 CFR § 63.1095(a)(e stream(s). Duestion VIII.W.28. is "NO," {	2) are selected for	☐ YES ☐ NO
		29.	The application are a continuous butadi	a includes containers that rece ene waste stream.	vive, manage, or treat	🗌 YES 🗌 NO
		30.	manage, or treat a c	a includes individual drain systematic systematic and the state of the systematic structure of the systematic systemate systematic systematic systematic systematic systematic s	eam.	U YES INO
		31.	complying with 40	a includes individual drain sys CFR § 63.136 through the use systems and control devices.		□ YES □ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 54) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069 Per		Permit No	Permit No.:	
Area Na	ame: (Galves	ston Bay Energy, LLC	- Trinity Bay F1 Platform			
				, questions unless otherwise dire LY these questions unless otherw		cted.	
	ЕМІ		N STANDARDS FC	AL REGULATIONS PART 63 PR HAZARDOUS AIR POLLU			
	W. Subpart YY - National Emission Standards for Hazardous Air Polluta Generic Maximum Achievable Control Technology Standards					s for Source Categories -	
	 32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. If a response to Question VIII.W.32. is required, go to Question VIII.W.43. 		eals or	☐ YES ☐ NO			
		33.	that receive a contin	a has containers, as defined in 40 mous butadiene waste stream. <i>Suestion VIII.W.33. is "NO", go t</i>	Ū		U YES NO
		34.	40 CFR § 61.345 re	a is an alternate means of compli- quirements for containers. <i>uestion VIII.W.34 is "YES", go i</i>			☐ YES ☐ NO
		35.		vent systems used for containers ntained at a pressure less than at			☐ YES ☐ NO
		36.	CFR § 61.341, that stream.	a has individual drain systems, as receive or manage a continuous uestion VIII.W.36. is "NO", go a	butadien	e waste	U YES INO
	37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VIII.W.37 is "YES", go to Question VIII.W.43.			systems.	U YES INO		
		38.	CFR § 61.346(a).	a has individual drain systems co uestion VIII.W.38 is "NO", go to			U YES INO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 55) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069 Permit No		t No.:
Area Name: Galves	ston Bay Energy, LL	C - Trinity Bay F1 Platform		
		L questions unless otherwise di NLY these questions unless othe		
	N STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POLI		
		Emission Standards for Haza ievable Control Technology S		ants for Source Categories -
39.	operate such that the	vent systems used for individua ne individual drain system is ma atmospheric pressure.		U YES INO
40.	CFR § 61.346(b).	a has individual drain systems Question VIII.W.40. is "NO", g		0 🗌 YES 🗌 NO
41.	system to prevent t	the individual drain systems are equipped with a the flow of organic vapors from the junction box mosphere during normal operation.		U YES INO
42.	-	pipes in the individual drain sysseem and control device.	tems are connected	ed 🗌 YES 🗌 NO
43.	benzene.	a has at least one waste stream Question VIII.W.43 is "NO", go		U YES INO
44.	that receive a waste	a has containers, as defined in a stream containing benzene. Question VIII.W.44. is "NO", go	•	, 🗌 YES 🗌 NO
45.	40 CFR § 61.345 r	a is an alternate means of compequirements for containers. Question VIII.W.45 is "YES", go		e 🗌 YES 🗌 NO
46.		vent systems used for container intained at a pressure less than		at 🗍 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 56) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit 1	No.:
Area Name:	rea Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform				
			L questions unless otherwise di NLY these questions unless othe		
EMI	LE 40 ISSIO <i>tinued</i>	N STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POLI	63 (40 CFR PART LUTANTS FOR S	63) - NATIONAL OURCE CATEGORIES
W.	Subj Gen	part YY - National I eric Maximum Achi	Emission Standards for Haza ievable Control Technology S	rdous Air Polluta Standards	nts for Source Categories -
	47.	CFR § 61.341, that benzene.	a has individual drain systems, receive or manage a waste stre Question VIII.W.47. is "NO", go	eam containing	☐ YES ☐ NO
	48.	meet the 40 CFR §	a is using an alternate means of 61.346 requirements for indivi Question VIII.W.48 is "YES", g	idual drain systems.	YES INO
	49.	CFR § 61.346(a).	a has individual drain systems Question VIII.W.49 is "NO", go		YES INO
	50.	operate such that th	vent systems used for individua ne individual drain system is ma atmospheric pressure.		YES NO
	51.	CFR § 61.346(b).	a has individual drain systems		YES NO
	52.	system to prevent the	he individual drain systems are he flow of organic vapors from nosphere during normal operation	the junction box	YES INO
	53.		pipes in the individual drain sys stem and control device.	tems are connected	
	54.	process.	a contains a cyanide chemicals Question VIII.W.54is "NO", go	U	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 57) Federal Operating Permit Program

Date:	Date: 9/22/2011			RN No.: RN100211069	Permit No	D.:
Area 1	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
				L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.	
VIII.		53) - NATIONAL URCE CATEGORIES				
	W. Subpart YY - National Emission Standards for Hazardous Air Generic Maximum Achievable Control Technology Standards					s for Source Categories -
		55.		cals manufacturing process generates ma ing hydrogen cyanide or acetonitrile.	intenance	TYES NO
	X.		part JJJ - National 1 mers and Resins (co	Emission Standards for Hazardous Air Intinued)	r Pollutant	Emissions: Group IV
			The application are and/or their associa § 63.1310(a)(1) - (5 If the response to Q	☐ YES ☐ NO		
		2.	and/or wastewater s associated with ther	a includes thermoplastic product process streams and wastewater operations that a moplastic product process units. <i>Puestion VIII.X.2 is "NO", go to Section</i>	re	☐ YES ☐ NO
		3.	application area are	ater streams generated or managed in the from sources producing polystyrene. <i>tuestion VIII.X.3. is "YES", go to Section</i>		☐ YES ☐ NO
		4.	application area are	ater streams generated or managed in the from sources producing ASA/AMSAN. <i>Juestion VIII.X.4. is "YES", go to Section</i>		☐ YES ☐ NO
	5. The application area includes process wastewater streams that ar designated as Group 1 or are determined to be Group 1 for organ HAPs as defined in 40 CFR § 63.1312.			☐ YES ☐ NO		
	 The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. 				☐ YES ☐ NO	
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.				☐ YES ☐ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 58) Federal Operating Permit Program

Date: 9/22/2011 RN No.: RN100211069				Permit No.	:	
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
			L questions unless otherwise NLY these questions unless o		ted.	
EM	LE 40 ISSIO <i>tinuea</i>	ON STANDARDS FO	IAL REGULATIONS PAR OR HAZARDOUS AIR PO	T 63 (40 CFF LLUTANTS	R PART 63 FOR SOU) - NATIONAL JRCE CATEGORIES
Х.	Sub Poly	part JJJ - National ymers and Resins (co	Emission Standards for Ha ontinued)	zardous Air	Pollutant I	Emissions: Group IV
	8.	3. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. If the response to Question VIII.X.8. is "YES", go to Question VIII.X.18.				YES NO
	9.	streams demonstrat 1 MG/yr.	ted and/or partially treated G ted to have a total source mas Question VIII.X.9. is "NO", g	ss flowrate of	less than	YES NO
	10.		a includes waste management treated Group 1 wastewater s			TYES NO
	11.	wastewater streams that is not owned or	er streams or residual remove s are transferred to an on-site r operated by the owner or op te stream or residual.	treatment ope	eration	U YES NO
	12.	wastewater streams	er streams or residual remove s are transferred to an off-site Question VIII.X.11 VIII.X.1	e treatment ope	eration.	U YES INO
	13.	manage a Group 1	a includes waste managemer wastewater stream or a residu r stream prior to shipment or	ual removed fi		🗌 YES 🗌 NO
			Containers			
	14.		a includes containers that rec r stream or a residual remove			🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 59) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069 Permit No.:		:		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform							
			L questions unless otherwise directed. ILY these questions unless otherwise di	rected.			
EMI		N STANDARDS FO	AL REGULATIONS PART 63 (40 C OR HAZARDOUS AIR POLLUTAN				
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>							
			Drains (continued)				
	15.	manage a Group 1 Group 1 wastewate	a includes individual drain systems that wastewater stream or a residual remove r stream. <i>Question VIII.X.15. is "NO", go to Ques</i>	d from a	🗌 YES 🗌 NO		
	16.	complying with 40	a includes individual drain systems that CFR § 63.136 through the use of cover systems and control devices.		U YES NO		
	17.		a includes individual drain systems that CFR § 63.136 through the use of water or plugs.		YES NO		
	18.	trenches, or pipes th	a includes drains, drain hubs, manholes nat are part of an thermoplastic product puestion VIII.X.18. is "NO", go to Section	process unit.	U YES NO		
	19.	trenches or pipes th § 63.1330(b)(12).	a includes drains, drain hubs, manholes, at meet the criteria listed in 40 CFR § 6 puestion VIII.X.19. is "NO", go to Section	53.149(d) and	U YES INO		
	20.	trenches, or pipes the concentration great	a includes drains, drain hubs, manholes, nat convey water with a total annual ave er than or equal to 10,000 parts per mill ds meeting the definition of organic HA at any flow rate.	rage ion by	🗌 YES 🗌 NO		
	21.	trenches or pipes th concentration great of compounds meet	a includes drains, drain hubs, manholes, at convey water with a total annual aver er than or equal to 1,000 parts per millio ing the definition of organic HAP in 40 nual average flow rate greater than or ec	rage on by weight CFR	🗌 YES 🗌 NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 60) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069 Permit No.		:	
Area Na	ıme: C	Galveston Bay Energy, LL	C - Trinity Bay F1 Platform	-		
			L questions unless otherwise direct NLY these questions unless otherwis			
	EMI		AL REGULATIONS PART 63 (DR HAZARDOUS AIR POLLUT			
	Х.	Subpart JJJ - National Polymers and Resins (ca	Emission Standards for Hazardo ontinued)	us Air Pollutant	Emissions: Group IV	
			Drains (continued)			
		trenches or pipes th that is a new affect equipment conveys greater than or equa meeting the definit	a includes drains, drain hubs, manh nat are part of an thermoplastic proc ed source or part of a new affected s water with a total annual average of al to 10 parts per million by weight ion of organic HAP in 40 CFR § 63 w rate greater than or equal to 0.02	duct process unit source and the concentration of compounds 3.1312, at an	☐ YES ☐ NO	
	Y .		l Emission Standards for Hazard acking Units, Catalytic reformin			
		Subpart UUU - Na Pollutants for Petro	a is subject to 40 CFR Part 63, tional Emission Standards for Haza leum Refineries: Catalytic Crackin g Units, and Sulfur Recovery Units.	ng Units,	U YES NO	
	Z.	Subpart AAAA - Nation Waste (MSW) Landfills	ual Emission Standards for Hazai	rdous Air Pollut:	ants for Municipal Solid	
•		Subpart AAAA - N	a is subject to 40 CFR Part 63, lational Emission Standards for Ha icipal Solid Waste Landfills.	zardous Air	☐ YES 🛛 NO	
	AA.		al Emission Standards for Hazard uction and Processes (MON)	dous Air Polluta	nts for Miscellaneous	
			a is located at a site that includes particularly product one or more of the cost(b)(1).		☐ YES ☐ NO	
		2. The application are defined in FCAA §	a is located at a plant site that is a r 112(a).	major source as	□ YES □ NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 61) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	Permit No.	:	
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform							
				L questions unless otherwise directed ILY these questions unless otherwise			
VIII.	VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIE (continued)						
	AA.	-		ll Emission Standards for Hazardo uction and Processes (MON)	ous Air Pollutan	ts for Miscellaneous	
		3.	chemical manufacture generate one or more § 112(b) of the Clear	a is located at a site that includes mi- uring process units (MCPU) that pro re of the organic hazardous air pollu an Air Act or hydrogen halide and ha puestion VIII.AA. 1, AA.2 or AA.3 is '	cess, use or tants listed in alogen HAP.	🗌 YES 🗌 NO	
		4.	racks, or waste streamanufacturing proc	a includes process vents, storage ves ams associated with a miscellaneous sess subject to 40 CFR 63, Subpart F Question VIII.AA.4 is "NO", go to Se	chemical FFF.	🗌 YES 🗌 NO	
		5.		a includes process wastewater stream Question VIII.AA.5 is "NO", go to Qu		🗌 YES 🗌 NO	
		6.	designated as Group	a includes process wastewater strear p 1 or are determined to be Group 1 Table 8 and Table 9, as appropriate,	for compounds	🗌 YES 🗌 NO	
		7.	total source mass fl	vater streams at the site are demonstr owrate of less than 1 MG/yr. Question VIII.AA.7. is "YES", go to S		🗌 YES 🗌 NO	
 8. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less 1 1 MG/yr. If the response to Question VIII.AA.8. is "NO", go to Question VIII.AA.10. 				ate of less than	🗌 YES 🗌 NO		
		9.		a includes waste management units treated Group 1 wastewater stream p		🗌 YES 🗌 NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 62) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	N No.: RN100211069 Permit No.:	
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					······································
			L questions unless otherwise directed. ILY these questions unless otherwise dire	ected.	
EMI		N STANDARDS FC	AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANT		
AA.	Air Pollutan	ts for Miscellaneous			
	10.	wastewater streams that is not owned or	r streams or residual removed from Grou are transferred to an on-site treatment of r operated by the owner or operator of the e stream or residual.	peration	🗌 YES 🗌 NO
	11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation If the response to Question VIII.AA.10. and VIII.AA.11. are both "NO", go to Question VIII.AA.13.				🗌 YES 🗌 NO
	12. The application area includes waste management units that r manage a Group 1 wastewater stream or a residual removed Group 1 wastewater stream prior to shipment or transport.			□ YES □ NO	
	13.		a includes containers that receive, manag r stream or a residual removed from a Gr		🗌 YES 🗌 NO
	14.	manage a Group 1 v Group 1 wastewate	a includes individual drain systems that r wastewater stream or a residual removed r stream. <i>Puestion VIII.AA.14. is "NO", go to Ques</i>	from a	🗌 YES 🗌 NO
	15.	complying with 40	a includes individual drain systems that a CFR § 63.136 through the use of covers systems and control devices.		🗌 YES 🗌 NO
	16.		a includes individual drain systems that a CFR § 63.136 through the use of water s or plugs.		🗌 YES 🗌 NO
	17.	trenches, or pipes th unit that meets the c	a includes drains, drain hubs, manholes, l nat are part of a chemical manufacturing criteria of 40 CFR § 63.100(b). Suestion VIII.AA.17. is "NO", go to Section	process	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 63) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.:	
Area Name: (Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform				
			L questions unless otherwise directed. ILY these questions unless otherwise dire	cted.	
EMI		N STANDARDS FC	AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANTS		
АА.		* 2 ** 2 ** Lot 1 ** Control *	ll Emission Standards for Hazardous A uction and Processes (MON)	ir Pollutan	ts for Miscellaneous
	18.	trenches or pipes (the manufacturing processing \$ 63.149(d).	a includes drains, drain hubs, manholes, I hat are part of a miscellaneous chemical cess unit) that meet the criteria listed in 40 Question VIII.AA.18 is "NO", go to Sectio) CFR	🗌 YES 🗌 NO
	19.	trenches or pipes th concentration of co FFFF is greater that total annual load of	a includes drains, drain hubs, manholes, l at convey water with a total annual avera mpounds in table 8 of 40 CFR Part 63, So n or equal to 10,000 ppmw at any flowrat compounds in table 8 of 40 CFR Part 63 n or equal to 200 lb/yr.	ge ubpart e, and the	U YES INO
	20.	trenches or pipes th concentration of co FFFF is greater that	a includes drains, drain hubs, manholes, l at convey water with a total annual avera mpounds in table 8 of 40 CFR Part 63, Su n or equal to 1,000 ppmw, and the annual than or equal to 1 liter per minute.	ge ubpart	🗌 YES 🗌 NO
	21.	trenches or pipes th that is subject to the and the equipment of concentration of co Subpart FFFF is gro combined total annu	a includes drains, drain hubs, manholes, l at are part of a chemical manufacturing p e new source requirements of 40 CFR § 6 conveys water with a combined total annu mpounds in tables 8 and 9 of 40 CFR Par eater than or equal to 30,000 ppmw, and t ual load of compounds in tables 8 and 9 t han or equal to 1 tpy.	rocess unit 3.2445(a); ual average t 63, he	🗌 YES 🗌 NO
BB.		part GGGG - Nation actions for Vegetab	nal Emission Standards for Hazardous le Oil Production.	Air Polluta	nts for: Solvent
	1.	by itself a major so	a includes a vegetable oil production proc urce of HAP emissions or, is collocated v r sources that are individually or collectiv P emissions.	vithin a	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 64) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.:	
Area Name:	Galve	ston Bay Energy, LLC	C - Trinity Bay F1 Platform		
			L questions unless otherwise directed. NLY these questions unless otherwise dire	ected.	
EMI		N STANDARDS FC	AL REGULATIONS PART 63 (40 CH DR HAZARDOUS AIR POLLUTANT		
CC.	Sub	part GGGGG - Nati	ional Emission Standards for Hazardo	us Air Pollu	tants: Site Remediation
	1.	conducted.	a includes a facility at which a site remeaner the section .CC. 1. is "NO", go to Section VII.		🗌 YES 🗌 NO
	2.	CFR § 63.7881(b)(1	ns qualify for one of the exemptions contains through (6). <i>Thestion .CC.2. is "YES", go to Section VI</i>		🗌 YES 🗌 NO
	3.	total quantity of HA	site remediation activities it was determin AP listed in Table 1 of Subpart GGGGG site remediations will be less than 1 Mg/	that will be	🗋 YES 🗌 NO
	4.	The site remediation days.	n will be completed within 30 consecutiv	ve calendar	🗌 YES 🗌 NO
	5.	materials subject to	a includes containers that manage site re 40 CFR Part 63, Subpart GGGGG. Question VIII.CC.5 is "NO", go to Section		🗌 YES 🗌 NO
	6.		a includes containers using Container Le d in 40 CFR § 63.922(b).	evel 1	🗌 YES 🗌 NO
	7.		a includes containers with a capacity greater a capacity greater requirements of 40 CFR § 63.7900(b)		🗌 YES 🗌 NO
	8.		a includes containers using Container Le d in 40 CFR § 63.923(b).	evel 2	🗌 YES 🗌 NO
	9.		a includes containers using Container Le d in 40 CFR § 63.924(b).	evel 3	🗌 YES 🗌 NO
DD.		-	ional Emission Standards for Hazardo istribution Bulk Terminals, Bulk Plan		And the second sec
	1.	hazardous air pollut	a is located at a site that is an area source tants. <i>Testion DD.1. is "NO", go to Section VIII</i>		🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 65) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.	Permit No.:				
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform									
			L questions unless otherwise di VLY these questions unless othe						
VIII.		ON STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POLI						
		DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities							
	2.		a includes a pipeline breakout s ubpart BBBBBB, not subject to		🗋 YES 🗌 NO				
	3.	The application are 40 CFR Part 63, Su	a includes a pipeline pumping s lbpart BBBBBB.	I YES I NO					
	4.	CFR Part 63, Subpa	a includes a bulk gasoline plant art BBBBBB. sestion VIII.DD.4. is "NO", go		🗌 YES 🗌 NO				
	5.	compliance with an	plant was operating, prior to Jan a enforceable State, local or trib a fill as specified in 40 CFR § 6	al rule or permit that	🗌 YES 🗌 NO				
	6.	40 CFR Part 63, Su Subpart R or Subpa	a includes a bulk gasoline term ubpart BBBBBB, not subject to art CC. <i>testion VIII.DD.6. is "NO", go</i>	40 CFR Part 63,	□ YES □ NO				
	7.	gallons per day.	erminal has a throughput of lest testion VIII.DD.7. is "YES", go		🗌 YES 🗌 NO				
	8.	The bulk gasoline to other than railcar ca	erminal loads gasoline into gas argo tanks.	oline cargo tanks	🗌 YES 🗌 NO				
	9.	-	erminal loads gasoline into raile sestion VIII.DD.9. is "NO", go	0	I YES I NO				
	10.		erminal loads gasoline into raile t vapors from a vapor balance s		I YES I NO				
	11.	which collect vapor	erminal loads gasoline into raile s from a vapor balance system deral, State, local, or tribal rule	and that system	🗌 YES 🗌 NO				



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 66) Federal Operating Permit Program

Date: 9/22/2011			RI	N No.: RN100211069	Permit No.	:	
Area N	Jame:	Galve	ston Bay Energy, LLC - 1	Frinity Bay F1 Platform	•		
				uestions unless otherwise dir These questions unless other			
VШ.	EM		N STANDARDS FOR	REGULATIONS PART 6 HAZARDOUS AIR POLL			
	EE.	Rec	ently Promulgated 40 C	FR Part 63 Subparts			
•	1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. If the response to Question VIII.EE.1. is "NO", go to Section IX. A li of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions				to Section IX. A list		
♦		2.	Provide the Subpart de	signation (i.e. Subpart EEE)) in the space provided	l below.	
IX.			CODE OF FEDERAL	REGULATIONS PART 6	58 (40 CFR PART 68) - CHEMICAL	
	A.	Apr	olicability		:: 		
•		1.		ontains processes subject to a evention Provisions, and spe		🗌 YES 🔀 NO	
X.) CODE OF FEDERAL SPHERIC OZONE	REGULATIONS PART 8	12 (40 CFR PART 82) - PROTECTION OF	
	A.	Sub	part A - Production an	d Consumption Controls			
e Cinga Isang, Cogas is		1.		s located at a site that produc xports a controlled substance		🗌 YES 🗌 NO 🔀 N/A	
	B.	Sub	part B - Servicing of M	otor Vehicle Air Condition	lers		
•		1.		e, and/or repair of fleet vehic lepleting refrigerants is condu		🗌 YES 🛛 NO	
	с.			ential Products Containing anufactured with Class II S		and Ban on Nonessential	
•		1.		ells or distributes one or mor se a Class I or Class II substa bpart C.		□ YES □ NO 🛛 N/A	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 67) Federal Operating Permit Program

Date: 9/22/2011				RN No.: RN100211069	Permit N	0.:
Area	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform					
•				L questions unless otherwise dire VLY these questions unless otherw		
X.) CODE OF FEDER SPHERIC OZONE	AL REGULATIONS PART 82 (continued)	2 (40 CFR PART	82) - PROTECTION OF
	D.	Sub	part D - Federal Pro	ocurement		
◆		1.	The application are instrumentality of t	a is owned/operated by a departm he United States.	nent, agency, or	□ YES □ NO 🕅 N/A
	E.	Sub	part E - The Labelin	ng of Products Using Ozone De	pleting Substance	S
♦		1.	substance is stored	a includes containers in which a or transported prior to the sale of o the ultimate consumer.		□ YES □ NO 🕅 N/A
•		2.		a is a manufacturer, importer, wher of products containing a Class		🗌 YES 🗌 NO 🛛 N/A
•		3.		a is a manufacturer, importer, wher of products manufactured with ass II substance.		□ YES □ NO 🕅 N/A
	F.	Sub	part F - Recycling a	nd Emissions Reduction		
•		1.	vehicle air conditio	ance, and/or repair on refrigeration n appliances using ozone-depleti utes is conducted in the application	ng refrigerants or	🗌 YES 🔀 NO
٠		2.		ces (including motor vehicle air exempt substitute reclamation occ		🗌 YES 🗌 NO 🕅 N/A
♦		3.	The application are and recovery equip	a manufactures appliances or refiment.	rigerant recycling	🗌 YES 🗌 NO 🕅 N/A
	G.	Sub	part G - Significant	New Alternatives Policy Progra	am	
•		1.	product substitutes, intended for use as	a manufactures, formulates, or cr or alternative manufacturing pro a replacement for a Class I or Cla Duestion X.G.1 is "NO", go to Se	cesses that are ass II compound.	□ YES □ NO 🕅 N/A
•		2.		uced by the application area mee 0 CFR § 82.176(b)(1) - (7).	t one or more of	YES NO N/A



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 68) Federal Operating Permit Program

Date:	9/22/2	011		RN No.: RN100211069		Permit No.	•
Area]	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
				L questions unless otherw VLY these questions unles		cted.	
X.			CODE OF FEDER SPHERIC OZONE	AL REGULATIONS P	ART 82 (40 CF	R PART 82) - PROTECTION OF
	н.	Sub	part H -Halon Emis	sions Reduction			
•	♦ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.					uipment	🗌 YES 🗌 NO 🕅 N/A
•	 Disposal of halons or manufacturing of halon blends is conducted in the application area. 				ucted in	🗌 YES 🗌 NO 🕅 N/A	
XI.	MIS	CELI	LANEOUS				
	A. Requirements Reference Tables (RRT) and Flowcharts						
		1.		a contains units that are p h the TCEQ has not deve			🗌 YES 🔀 NO
	В.	For	ms			•	
•		1.	regulation for whic	a contains units that are p h the TCEQ has not deve Question XI.B.1 is "NO"	loped a unit attr		UYES NO N/A
•		2.		d Subpart designation for on for the State regulation			
	С.	Emi	ission Limitation Ce	rtifications			
•		1.		a includes units for which s have been established b		ceable	X YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 69) Federal Operating Permit Program

Date: 9/22/2011	RN	No.: RN100211069	Permit No.	•		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
	-	estions unless otherwise direct here with the set of th				
XI. MISCELLANEOUS (continued)						
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements						
	1. The application area is located at a site that is subject to a site specific requirement of the state implementation plan (SIP).					
	2. The application area includes units located at the site that are subject to a site specific requirement of the SIP.					
usin stan	g an alternative mea	ludes units which demonstra ins of control, alternative emi equirements approved by the	ission limitation or	U YES NO		
E. Title IV	- Acid Rain Progr	am				
		ludes emission units subject ng the Opt-In Program.	to the Acid Rain	🗌 YES 🗌 NO		
	application area inc nption under 40 CF	ludes emission units qualifyi R § 72.7	ng for the new unit	🗌 YES 🗌 NO		
	application area inc exemption under 40	ludes emission units qualifyi) CFR § 72.8.	ng for the retired	🗌 YES 🗌 NO		
F. Clean Air	Interstate Rule (C	AIR NO _x and CAIR SO ₂ P	ermit)			
requ	irements of the Clea	ludes emission units subject an Air Interstate Rule. ion XI.F.1. is "NO", go to Se		□ YES □ NO		
		ludes emission units qualifyi 0 CFR §§ 96.105 and 96.205		🗌 YES 🗌 NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 70) Federal Operating Permit Program

Date:	9/22/2	011		RN No.: RN100211069	Permit No	.:		
Area	Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform							
				L questions unless otherwise di NLY these questions unless othe				
XI.	MIS	SCELL	ANEOUS (continu	ed)				
	G.	Pern	nit Shield (SOP Apj	plicants Only)				
		1.	-	negative applicability entries of the Requirement Determination the permit.		U YES INO		
	H.	GOP	Type (Complete tl	is section for GOP application	ons only)			
•		1.	renewal of an oil ar Gas General Opera Denton, El Paso, F	a is applying for initial issuance nd gas general operating permit ting Permit for Brazoria, Cham ort Bend, Galveston, Hardin, H ery, Orange, Tarrant, and Walle	under 511 - Oil and bers, Collin, Dallas, arris, Jefferson,	X YES 🗌 NO		
•		2.	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.			☐ YES ☐ NO		
•		3.	renewal of an oil ar Gas General Opera	a is applying for initial issuanc nd gas general operating permit ting Permit for Aransas, Bexar, tricio, and Travis Counties.	under 513 - Oil and	☐ YES ☐ NO		
•		4.	renewal of an oil ar Gas General Opera Bexar, Brazoria, Ca Fort Bend, Galvesto	a is applying for initial issuanc ad gas general operating permit ting Permit for All Texas Coun alhoun, Chambers, Collin, Dall on, Gregg, Hardin, Harris, Jeffe omery, San Patricio, Tarrant, Tr	under 514 - Oil and ties Except Aransas, as, Denton, El Paso, erson, Liberty,	☐ YES ☐ NO		
•		5.	renewal of a solid w	a is applying for initial issuanc vaste landfill general operating d Waste Landfill general opera	permit under	□ YES □ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 71) Federal Operating Permit Program

Date:	Date: 9/22/2011 RN No.: RN100211069 Permit No.:			:		
Area Name: Galveston Bay Energy, LLC - Trinity Bay F1 Platform						
				L questions unless otherwise di ILY these questions unless othe		
XI.	MISC	ELI	LANEOUS (continue	ed)		
	I.	Title	e 30 TAC Chapter 1	01, Subchapter H		
•		1.		a is located in a nonattainment Question XI.I.1. is "NO", go to		🛛 YES 🗌 NO
♦		2.		r will generate emission reduct ns Banking and Trading Progra		YES 🗌 NO 🗌 N/A
♦		3.		r will generate discrete emissio Q Emissions Banking and Trac		🗌 YES 🔀 NO 🗌 N/A
•	 The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NOx. 				⊠ YES □ NO	
♦		5.		a includes an electric generatin pter 116, Subchapter I.	g facility permitted	🗌 YES 🔀 NO
•		6.	Houston/Galveston potential to emit me	area is located at a site in the ston/Brazoria nonattainment area and the site has a t more than 10 tpy of highly-reactive volatile organic RVOC) from facilities covered under 30 TAC Chapter		☐ YES ⊠ NO
						🗌 YES 🔀 NO
	J.	Peri	odic Monitoring			
♦		1.		rmit holder is submitting or has ne periodic monitoring proposa		□ YES 🛛 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 72) Federal Operating Permit Program

Date: 9/22/2011			RN No.: RN100211069	Permit No.	:		
Area	Name: Galve	ston Bay Energy, LL0	C - Trinity Bay F1 Platform	<u> </u>			
			L questions unless otherwise direct LY these questions unless otherwi				
XI.	XL MISCELLANEOUS (continued)						
	K. Compliance Assurance Monitoring						
♦	 The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. If the response to Question XI.K.1. is "NO", go to Section XII. 				🗌 YES 🛛 NO		
•	2.	comply with an app	the unit or units defined by XI.K.1 are using a control device to mply with an applicable requirement. the response to Question XI.K.2. is "NO", go to Section XII.				
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.			🗌 YES 🗌 NO		
•	4.		or permit holder is submitting a C cording to the deadlines for submit ation.		☐ YES ☐ NO		
	5.		or permit holder is submitting a C n and schedule to be incorporated rmit.		TYES NO		
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CA implementation plan and schedule in the space below.				cant is submitting a CAM		
•	7.		fined by XI.K.1. and XI.K.2. is us eeting the requirements of 40 CFR		🗌 YES 🗌 NO		
•	8. All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). If the response to Question XI.K.8. is "YES", go to Section XII.		YES NO				
•	9.	9. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses particulate matter or opacity.		🗌 YES 🗍 NO			
•	10.	The CAM proposal addresses VOC.	posal as described by question XI.K.3.or XI.K.4. C.		🗌 YES 🗌 NO		
•	11.	 The control device in the CAM proposal as described by question XI.K.3.or XI.K.4. has a bypass. 		YES NO			



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 73) Federal Operating Permit Program

Date: 9/22/201	1	RN No.: RN100211069	Permit No.	•
Area Name: Ga	alveston Bay Energy, LLC	- Trinity Bay F1 Platform		
		L questions unless otherwise direc ILY these questions unless otherwi		
XII. NEW	SOURCE REVIEW (N	SR) AUTHORIZATIONS		
A. `	Waste Permits with Air	Addendum		
♦	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. If the answer to XII.A.1. is "YES", include the waste permit numbers and issuance date in Section XII.J.			🗌 YES 🔀 NO
B. 4	Air Quality Standard Pe	ermits		
♦	NSR authorization. If the response to X to XII.B.1 is "YES"	a includes at least one Air Quality II.B.1 is "NO", go to Section XII. , be sure to include the standard p rs in Section XII.H, and answer XI	C. If the response permit's	🗌 YES 🔀 NO
♦ 2		a includes at least one "Pollution (d Permit NSR authorization.	Control Project"	🗌 YES 🗌 NO
♦ 3		a includes at least one "Modificati ity Standard Permit NSR authoriz		🗌 YES 🗌 NO
♦		a includes at least one "Municipal ty Standard Permit NSR authoriza		YES INO
<u>۽</u> (Landfill Facilities a	a includes at least one "Municipal nd Transfer Stations" Standard Pe oter 330, Subchapter U.		🗌 YES 🗌 NO
(a includes at least one "Concrete F rmit NSR authorization.	Batch Plant" Air	🗌 YES 🗍 NO
7		a includes at least one "Concrete I Air Quality Standard Permit NS		🗌 YES 🗌 NO
8		a includes at least one "Hot Mix A ermit NSR authorization.	Asphalt Plant" Air	🗌 YES 🗌 NO
♦ 9	D. The application area Standard Permit NS	a includes at least one "Rock Crus R authorization.	her" Air Quality	🗌 YES 🗌 NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 74) Federal Operating Permit Program

Date: 9/22/2011		RN No.: RN100211069	Permit No.:			
Area Name: Gal	veston Bay Energy, LLC	- Trinity Bay F1 Platform				
 For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed. 						
XII. NEW SO	XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (continued)					
B. Ai	B. Air Quality Standard Permits					
♦ 10	Air Quality Standar	a includes at least one "Electric Generati d Permit NSR authorization. II.B.10 is "NO", go to Question XII.B.1.	Ũ	U YES NO		
♦ 11		ectric Generating Unit" Air Quality Stan ion area is located in the East Texas Reg		YES NO		
♦ 12	1 1	ectric Generating Unit" Air Quality Stan ion area is located in the West Texas Rep		YES NO		
♦ 13	B. The application area Standard Permit NS	a includes at least one "Boiler" Air Quali R authorization.	ity	YES NO		
C. Flexible Permits						
♦ 1.	The application are authorization.	a includes at least one Flexible Permit N	SR	🗌 YES 🕅 NO		
D. Multiple Plant Permits						
1.	The application area authorization.	a includes at least one Multi-Plant Permi	t NSR	YES NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 75) Federal Operating Permit Program

Date: 9/22/2011	RN No.: RN1002	211069	Permit No.:		
Area Name: Galveston Bay	Energy, LLC - Trinity Bay F1	Platform			
	answer ALL questions unless, answer ONLY these question				
XII. NEW SOURCE R	EVIEW (NSR) AUTHORIZ	ATIONS (Attach a	additional sheets if necessary)		
E. PSD Permits	and PSD Major Pollutants				
PSD Permit No.:		Pollutant(s)			
PSD Permit No.:		Pollutant(s)			
PSD Permit No.:		Pollutant(s)			
PSD Permit No.:		Pollutant(s)			
F. Nonattainme	ent (NA) Permits and NA Ma	ajor Pollutants			
NA Permit No.:		Pollutant(s)			
NA Permit No.:		Pollutant(s)			
NA Permit No.:		Pollutant(s)			
NA Permit No.:		Pollutant(s)			
♦ G. NSR Author	izations with FCAA § 112(g	Requirements			
NSR Permit No.:		NSR Permit No.:			
NSR Permit No.:		NSR Permit No.:			
NSR Permit No.:		NSR Permit No.:			
	C Chapter 116 Permits, Spec Permits By Rule, PSD Pern		ard Permits, Other Authorizations for the Application Area.		
Authorization No.:		Authorization No.:			
Authorization No.:		Authorization No.:			
Authorization No.:		Authorization No.:			
Authorization No.:		Authorization No.:			
Authorization No.:		Authorization No.:			
Authorization No.:	·····	Authorization No.:			
Authorization No.:		Authorization No.:			



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 76) Federal Operating Permit Program

Date: 9/22/2011	RN No.: RN100211069	Permit No.:		
Area Name: Galveston Bay	Energy, LLC - Trinity Bay F1 Platforr			
	ns, answer ALL questions unless othe ons, answer ONLY these questions unl			
XII. NEW SOURCE R	EVIEW (NSR) AUTHORIZATIO	NS (Attach additional sheets if necessary)		
♦ I. Permits by I	Rule (30 TAC Chapter 106) for the	Application Area		
A list of selected Permits by FOP application is availab		lard exemptions) that are required to be listed in the		
PBR No.: 106.352	Ver	Version No./Date: 09/04/2000		
PBR No.: 106.512	Ve	Version No./Date: 06/13/2001		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
PBR No.:		Version No./Date:		
♦ J. Municipal S	olid Waste and Industrial Hazardo	us Waste Permits With an Air Addendum		
Permit No.:		Permit No.:		
Permit No.:		Permit No.:		
Permit No.:		Permit No.:		
Permit No.:		Permit No.:		